

U.S. Department of Transportation

Federal Aviation Administration





April 26, 1998 - May 2, 1998

Summary

GENERAL AVIATION, ZAC-327

You can improve Air Safety by reporting the problem when you see it!

SECTION

- I Significant Occurence Report
- **II Domestic Service Difficulty Report**
- III International Service Difficulty Report
- IV SDR Totals by District Office
- V Index By Aircraft Make and Model
- ISSUE: 98-18 VI Joint Aircraft System/Component Code Table



SDR SUMMARY

General Aviation, ZAC-327



This summary includes domestic (United States) Service Difficulty Reports (SDRs) entered into the data base for aircraft weighing 12,500 lbs. and below. It also includes reports on aeronautical products (engines, propellers, and components), and all helicopters. A separate section for International SDRs for aircraft weighing 12,500 lbs. and under has also been included. Under a data exchange agreement, International SDRs are submitted to the FAA by the Civil Aviation Authority of other countries (currently, Canada - CAN, and Australia - AUS). All reports are sorted by aircraft make, model group (basic model), and Joint Aircraft System/Component (JASC) code. Within each aircraft model group, the specific model shown may vary, but similar types of reports will be grouped together and listed in ascending order by their JASC code. Each field contains all information submitted to the FAA. Some fields are not included in order to make the summary easier to read. Additional information may be obtained by referring to the "operator control number." Send your request to the Aviation Data Systems Branch, AFS-620 at the address or phone below.

The Regulatory Support Division (AFS-600) has established a "HomePage" on the Internet through which the same information is available. There is a large quantity of other information available through the AFS-600 HomePage such as the most current SDR system codes (i.e., Joint Aircraft System\Component Codes). The SDR Question and Answer Section of the Summary will also be transferred to the AFS-600 HomePage to simplify the process of preparing the SDR Summaries in the PDF format each week. There are "hot buttons" to take you to other locations and sites where FAA Flight Standards Service Information is available. The AFS-600 "HomePage" address is:

http://www.mmac.jccbi.gov/afs/afs600

"The Service Difficulty Reports in this publication are derived from unverified information submitted by the aviation community without FAA verification for accuracy. The number of SDRs submitted is not an indication of the mechanical reliability or fitness of an airline or individual operator, and the information should not be used as such."

Comments are welcomed and may be directed to:

Federal Aviation Administration Aviation Data Systems Branch, AFS-620 P.O. Box 25082 Oklahoma City, OK 73125-5029

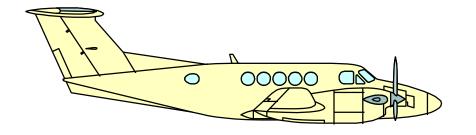
Phone: (405) 954-4171, Fax: (405) 954-4748

Your continued participation is essential and is an integral part of ensuring aviation safety. Thank you for supporting the Service Difficulty Program! If you have any questions regarding this special notice you can contact John Jackson at (405) 954-6486, or Jim Gillespie at (405) 954-1141, or Blake McDonald at (405) 954-0307 in the Aviation Systems Branch (AFS-620). Their E-mail addresses are:

john_e_jackson@mmacmail.jccbi.gov

james_gillespie@mmacmail.jccbi.gov

blake_mcdonald@mmacmail.jccbi.gov



SIGNIFICANT OCCURRENCE REPORT





THE SIGNIFICANT OCCURRENCE REPORT



The Significant Occurrence Report is a compilation all of the star bordered reports that appear in the General Aviation Service Difficulty Report (SDR) Summary, ZAC-327. The Significant Occurrence Report is used to highlight industry problem areas to field inspectors and the aviation public.

Limited analysis is performed by the Aviation Data Systems Branch, AFS-620 during the preparation of the "Significant Occurrence Report", which is generated each week and is included in the front of the Air Carrier SDR Summary. Significant Reports are hand selected by AFS-620's inspectors based on the individual merit of each report. The criteria for selection includes, but is not limited to, items that indicate high failure rates; items related to accidents or incidents; or design or maintenance failures which may affect the safe operation of the aircraft.

In some cases, this limited analysis of SDR data leads to the preparation of information bulletins which are routed to the appropriate product certification office for further investigation of the problem. The end result may be the issuance of an airworthiness directive (AD) by the Aircraft Certification Service (AIR) if warranted.

The Significant Occurrence Report (section I) of the weekly SDR Summary is not intended to be a summary of all significant events and should not be used as such. We recommend that you review further the applicable sections of the SDR summary that may be of interest.

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3213	90965	BBAVIA				U-BOLT	BROKEN	1277	3/24/98
	6073	8KCAB				19805	RT MLG LEG		98ZZZX1630
****		PILOT NOTED RIGHT M EG COMES OUT OF TH				AND FORTH APPROXIMA	TELY 12 INCHES. FOUND F	BROKEN U-I	BOLT WHERE THE
2701	800LS	BEECH				SPROCKET ASSY	CRACKED	6171	2/18/98
	BB457	200BEECH				1005241201	YOKE BS 100		98ZZZX966
****		YOKE POSITION 30 DE AILERON CONTROL.			ORMED VISUAL INS	PECTION, FOUND PRIMAR	Y SPROCKET ASSEMBLY W	ELD TO AF	T CRACKED
5511	5167M	ВЕЕСН				SPAR	CRACKED	7987	3/27/98
YEBR	M2043	C23			169620001603	16962000159	H STAB HINGE		98ZZZX1628
****		ILATOR MAIN SPAR AI ΓAILED INSPECTION Ο				S AIRCRAFT IS USED FOR	FLIGHT TRAINING. CRACK	S POSSIBLY	DUE TO FATIGUE.
7120	9880R	ВЕЕСН				BRACKET	FAILED	3185	2/2/98
	D6437	M35				626089	ENGINE MOUNT	396	98ZZZX995
	FURTHER DAMAC PROBLEM. SUBM DEFECTS NOTED.	SE TO VALVE COVERS, ITTER SUGGESTED DY	COWLING, INTAKE	MANIFOLD. MOUNTS	S HAD BROKEN SIN	CE LAST OIL CHANGE AP /ED FROM MOUNTS. MEC	GINE TO LAY FARTHER DO PROXIMATELY 30 HOURS. I HANIC DYE PENETRATE IN	PILOT WAS	UNAWARE OF THER 2 MOUNTS, NO
2842	1525M	BEECH				TRANSMITTER	WRONG PART		3/27/98
	EA464	B36TC				58938000113	FUEL QUANTITY		98ZZZX1615
****	FUEL STARVATIO	N PROBLEM FOUND T	O BE DUE TO INCORI	RECT FUEL QUANTIT	TY TRANSMITTER H	IAD BEEN INSTALLED.			
7160	827VJ	BEECH			DONALDSON	AIR FILTER	MISMARKED		1/20/98
	TH1387	58				963890051	INDUCT AIR		98ZZZX761
****		FROM BEECH DISTRIB NOW THE 10TH TIME F					PART NUMBER, BUT FILTER	R PART NUM	MBER INSIDE IS P/N 35-
5511	757WN	CESSNA				BRACKET	CRACKED	6500	2/23/98
D6VV	15280063	152				04320049	H STAB SPAR AFT		98ZZZX1629
****							R OF HORIZONTAL STABILIZ ETRANT AFTER PAINT REMO		ALSO HOUSES
5551	8623J	CESSNA				ATTACH FITTING	WORN	3110	1/28/98
FE4R	15066523	150G					HORIZONTAL STAB		98ZZZX978
****		UAL INSPECTION, FOU TH FITTINGS WERE FO			E AT THE REAR ATT	FACHMENTS. THE STABIL	IZER COULD BE MOVED U	P AND DOW	N ABOUT .25 INCH.
2710	62348	CESSNA				CABLE	FRAYED	11700	4/8/98
	17275254	172P				0510105260	RT AILERON		98ZZZX1624
****	LOWER AFT DOOF	R FRAME AREA. THIS EN STRANDS, 16 ENDS	IS A VERY DIFFICULT	Γ AREA TO INSPECT	DURING ROUTINE I	NSPECTIONS. THE FRAYI	S UNDER THE RT OUTBOAI NG WAS ONLY VISIBLE ON URS OR INSTALL INSPECTIO	CE THE PUL	LEY WAS REMOVED.

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
5512	365ES	CESSNA				RIVETS	FAILED		2/20/98
	17280023	172R					HORIZONTAL STAB		98ZZZX974
****	THE REMAINING I	RIVETS BOTH LEFT AN	D RIGHT SIDE SHOW	ED SIGNS OF WORK	ING THESE RIVETS		ED COMPLETELY THROUG HE STABILZIER ROOT FAIRI ECTED.		
7322	91QS	CESSNA	LYC			CARBURETOR	DEFECTIVE		2/16/98
	17268167	172N	O360A4M			MA4SPA	THROTTLE ARM		98ZZZX972
****	AND COTTER PIN		ECT THE ORIGINAL IN	NSTALLATION WAS I	NOT PROPERLY INS		ESULTED IN LOSS OF CONT ALLOWING THE ARM TO BE		
3246	9620Q	CESSNA				WHEEL	FAILURE	1432	4/4/98
	18503780	A185F				D301185	MLG		98ZZZX1559
****							. REASON FOR FAILURE IS EEL BOLTS DURING AN ANI		
5500	3772Y	CESSNA				MOORING RING	FAILED		2/21/98
	21058272	210D				0422344	TAIL		98ZZZX993
3230	DIAMETER. A FIE IN THE AIRPLANE 3141L		JSED TO CLOSE THE	RING AT THE BOLT S	SHANK. COMMON I	HARDWARE .25 INCH COA	ARSE THREAD NUTS HAD BI	EEN USED T 	
3230								10097	
****	310J0141	310J				08421022	NLG RETRACT		98ZZZX983
<u></u>	LOSS OF NITROGE NORMAL ON THE	EN CHARGE IN STRUT.	STRUT HAD BEEN O RVICING OF OLEO ST	VERSERVICED WITH	HYDRAULIC FLUI	D. WITH THE STRUT BEIN	WELL DOORS. NOSE GEAR NG OVERSERVICED WITH FI ITROGEN CHARGE WAS LO	LUID, THE E	XTENSION APPEAREI
5700	6076D	PIPER				STRUT	RUSTED	2500	1/22/98
	224730	PA22150				855592	WING		98ZZZX760
****	4635NM WAS DON ARE MOUNTED. T	E TO STRUTS. OLD FO	ORK BARREL WAS CUED FOR STC COMPLET	JT OFF BY TECHNICI ΓΙΟΝ. THE OWNER, V	ANS. FOUND 2 STR	UTS RUSTED SEVERELY	D ALL FOUR STRUTS INSPE ON THE INSIDE OF THE STR E THAT THE AD 93-10-06 DO	UT WHERE	THE DOOR CATCHES
8011	6484P	PIPER			PREAIR	STARTER	INOPERATIVE		2/21/98
	241602	PA24250				PM1201	RING GEAR		98ZZZX982
****	14V BATTERY POV GEAR WITHOUT M CAUSED THE AIRI	WER THROUGH COPPE MANUAL MANIPULATI PLANE WET COMPASS	ER AIRCRAFT CABLES ON OF THE PINION G TO SWING MORE TH	S. THE STARTER DID EAR. THIS PERMAN AN 90 DEGREES. LA	O START THE ENG, I ENT MAGNET STAR MAR STARTER (PM	HOWEVER, UPON ENG SH TER CREATED SUCH A L	PINION GEAR EVEN THOUG UTDOWN AND RESTART, TI ARGE MAGNETIC FIELD DU D REPLACED WITH A FRESF C COMPASS.	FAILED TO	ENGAGE THE RING NE ROTATION THAT I
3213	9375N	PIPER				HOUSING	BROKEN		3/25/98
	28R35084	PA28R200				67035	LT MLG STRUT		98ZZZX1623
****		F GEAR FOUND BROKE E RADIUS. CAUSE - HA				SHOULD HAVE LARGE RA	ADIUS AT AREA USING A BE	ARING SPA	CER WITH A

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
8510	4149Y	PIPER	LYC			RING GEAR	WRONG PART	43	4/14/98
	2843128	PA28181	O360A4M			LW10551	STARTER		98ZZZX1626
****	FURTHER INSPECT FOR A LT ROTATIN	TION, FOUND THE WRO	ONG P/N RING GEAR VIDENCED WHILE SI	INSTALLED. THE CO	ORRECT RING GEAR SEAT, THE RING G	R IS P/N 72566 WHICH IS FO EAR BEVEL (CHAMFER SI	EAR FOR ONLY HAVING 43 OR A RT ROTATING ENGINI DE) SHOULD BE ON THE RI	E. THE P/N L	W-10551 RING GEAR IS
5521	35497	PIPER				SPAR	CRACKED	6777	1/21/98
	318052039	PA31350					LT/RT ELEVATOR		98ZZZX976
****	UPON C/W PIPER S DASH 021 ARE IMP	,	R SPARS WERE CRA	CKED .50 INCH IN FR	ROM OUTBOARD EN	D. (BOTH SPARS REPLAC	ED). ELEVATOR SPAR REP	LACEMENT	NR'S 40075-020 AND
2750	21113	PIPER				CABLE	FRAYED	7100	1/30/98
CE8S	447995040	PA44180				62701101	FLAP		98ZZZX997
****	FRAYED ONLY TO	,					VED. FURTHER INSPECTION CESSIBLE TO INSPECT. CA		
5313	76PK	RHNFLU				LONGERON	CRACKED		2/2/98
	15	EXTRA300				PC24000A0	HOR STAB ATTACH		98ZZZX763
****	HORIZONTAL STA IN FRONT OF HORI REMOVING HORIZ	BILIZER FORWARD AT IZONTAL STABILIZER	TTACH POINT. THIS ATTACHMENT DEPI ND INSPECT THE AR	LOCATION CANNOT CTS A LOCATION WI	BE SEEN DURING N HICH NO DEFECT W	IORMAL INSPECTION PRO AS FOUND ON THIS PART	OUND A CRACK IN THE UPF OCEDURES. SB 300-2-95 INS ICULAR AIRCRAFT. SUBM PARTICULARLY, AT THE W	PECTION OF	F UPPER LONGERON OMMENDED

(End of GENERAL AVIATION SIGNIFICANT OCCURRENCE REPORT)

Run Date: 07-May-98

FEDERAL AVIATION ADMINISTRATION SIGNIFICANT OCCURRENCE REPORT INDEX

Showing Specific Part Numbers and Aircraft Model by Year

FOR THE PERIOD OF: 4/26/98 To 5/2/98

PART NUMBER								YEA	R					
PART NAME	ACFT MODEL	TOTAL	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
0422344 MOORING RING	210D	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # 0422344		1			_	_	-	-	_		-	-		1
04320049 BRACKET	152	1	-	-	-	-	-	-	-	-	-	-	-	1
	152	7				1		1		1	1	1	1	1
TOTAL of # 04320049)	8	-	-	-	1	-	1	-	1	1	1	1	2
0510105260 CABLE	172N	1	-	-	-	-	1	-	-	-	-	-	-	-
	172P	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # 05101052	860	2			-	-	1	_						1
08421022 BELL CRANK	320A	1	-	-	-	-	1	-	-	-	-	-	-	-
	T310Q	1	-	-	-	-	1	-	-	-	-	-	-	-
BELL CRANK IDLER	310Q	1	-	-	-	1	-	-	-	-	-	-	-	-
BELLCRANK	310L	1	-	-	-	-	-	-	-	-	1	-	-	-
	310Q	2	-	-	-	-	-	-	1	-	-	-	-	1
	310R	1	-	-	-	-	-	-	-	1	-	-	-	-
	320D	1	-	-	-	-	-	1	-	-	-	-	-	-
	320F	1	-	-	-	-	-	-	-	-	-	-	1	-
BELLCRANK IDLER	320B	1	-	-	-	-	-	-	-	-	-	-	1	-

FAA SIGNIFICANT OCCURRENCE REPORT INDEX 4/26/98 To 5/2/98 (cont'd)

PART NUMBER								YEA	R					
PART NAME	ACFT MODEL	TOTAL	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
08421022														
BELLCRANK IDLER	320B	1	-	-	-	-	-	-	-	-	-	1	-	-
IDLER BELLCRANK	310P	1	-	-	-	-	-	-	-	-	-	1	-	-
IDLER GEAR	310J	1	_	_	_	_	_	_	_	_	_	_	_	1
TOTAL of # 08421022		13				 1	2	 1		 1		2	2	2
		13	<u> </u>			1		1	1	1	1			
0A876299 CARTRIDGE SQUIB	unknown	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # 0A87629	9	1									_			1
1005241201														
SPROCKET ASSY	200BEECH	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # 10052412	201	1												
16962000159														
FRONT SPAR	C23	1	-	-	-	-	-	1	-	-	-	-	-	-
SPAR	C23	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # 16962000)159	2						1						1
19805														
U-BOLT	7GCAA	1	_	_	_	_	_	_	1	_	_	_	_	_
	8KCAB	2	-	-	-	-	-	-	-	-	1	-	-	1
TOTAL of # 19805		3	_						1		1			1
58938000113														
TRANSMITTER	B36TC	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # 58938000)113	1												
626089														
BRACKET	M35	1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # 626089 -		1												1
62701101														
CABLE	PA28161	1	-	-	-	-	-	-	-	-	1	-	-	-
	D. 44100													_
	PA44180	1												1
TOTAL of # 62701101	1	2	-	-	-	-	-	-	-	-	1	-	-	1

FAA SIGNIFICANT OCCURRENCE REPORT INDEX 4/26/98 To 5/2/98 (cont'd)

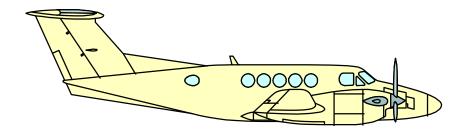
RATI NAME ACFT MODEL TOTAL 1988 1989 1990 1992 1993 1994 1996 <th>PART NUMBER</th> <th></th> <th>_</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>YEA</th> <th>R</th> <th></th> <th></th> <th></th> <th></th> <th></th>	PART NUMBER		_						YEA	R					
HOUSING PA28R200 1		ACFT MODEL	TOTAL	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
FACE FACE	67035														
STSSY2 STRUT PA22150 1		PA28R200	1	-	-	-	-	-	-	-	-	-	-	-	1
STRUT PA22150 1 . <th< th=""><th>TOTAL of # 67035</th><th></th><th>1</th><th></th><th></th><th>_</th><th></th><th>_</th><th></th><th></th><th></th><th>_</th><th></th><th></th><th>1</th></th<>	TOTAL of # 67035		1			_		_				_			1
TOTAL of # 855592	855592														
963890051 AIR FILTER 58	STRUT	PA22150	1	-	-	-	-	-	-	-	-	-	-	-	1
AR FILTER 58 1 1 TOTAL of #963890051 1 1 D301185 WHEEL A185F 1	TOTAL of # 855592		1			_								_	1
TOTAL of # 963890051	963890051														
D301185	AIR FILTER	58	1	-	-	-	-	-	-	-	-	-	-	-	1
WHEEL A18SF 1 </td <td>TOTAL of # 96389005</td> <td>1</td> <td>1</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td>	TOTAL of # 96389005	1	1			-									1
TOTAL of # D301185	D301185														
LW10551 RING GEAR PA28181 1	WHEEL	A185F	1	-	-	-	-	-	-	-	-	-	-	-	1
RING GEAR PA28181 1	TOTAL of # D301185		1	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL of # LW10551															
MA4SPA CARBURETOR 172 1 -	RING GEAR	PA28181	1												1
CARBURETOR 172 1 1 1	TOTAL of # LW10551	<u> </u>	1	-	-	-	-	-	-	-	-	-	-	-	1
172M 2 1 - 1 - 1 1 172N 2 1 - 1 - 1 1 LONG EZ 1 1 - 1 - 1 1 PA28140 1 1 - 1 1 PA28161 1 1 - 1 1 unknown 1 2 - 2 3 - 1 2 PC24000A0 LONGERON EXTRA300 1 1		172	1	-	-	-	-	-	-	-	-	1	-	-	-
172N 2 1 - 1 - 1 LONG EZ 1 1 1 PA28140 1 1 1 PA28161 1 1 1 unknown 1 1 1 TOTAL of # MA4SPA - 10 2 - 2 3 - 1 2 PC24000A0 LONGERON EXTRA300 1 1		172L	1	-	-	-	-	-	1	-	-	-	-	-	-
LONG EZ 1 1 PA28140 1 1 1 PA28161 1 1 1 unknown 1 1		172M	2	-	-	-	-	-	1	-	1	-	-	-	-
PA28140 1 1 1		172N	2	-	-	-	-	-	-	-	1	-	-	-	1
PA28161 1 1 - unknown 1 1 1		LONG EZ	1	-	-	-	-	-	-	-	-	-	-	-	1
unknown 1 - </td <td></td> <td>PA28140</td> <td>1</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>1</td> <td>-</td> <td>-</td> <td>-</td>		PA28140	1	-	-	-	-	-	-	-	-	1	-	-	-
TOTAL of # MA4SPA		PA28161	1	-	-	-	-	-	-	-	-	-	-	1	-
PC24000A0 LONGERON EXTRA300 1 - - - - - - - - - - 1		unknown	1									1			
LONGERON EXTRA300 1 1	TOTAL of # MA4SPA		10	-	-	-	-	-	2	-	2	3	-	1	2
TOTAL of # PC24000A0 1 1		EXTRA300	1												1
	TOTAL of # PC24000	A0	1	-	-	-	-	-	-	-	-	-	-	-	1

FAA SIGNIFICANT OCCURRENCE REPORT INDEX 4/26/98 To 5/2/98 (cont'd)

PART NUMBER								YEA	R					
PART NAME	ACFT MODEL	TOTAL	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
PM1201														
STARTER	PA24250	1												1
TOTAL of # PM1201	1	1	-	-	-	-	-	-	-	-	-	-	-	1
		===						==				===		===
TOTAL for ALL (42) PA	RT NUMBERS:	52	-	-	-	2	3	5	2	4	7	3	4	22
END OF SIGNIFICANT OC	CURRENCE REPORT INDEX													



DOMESTIC SERVICE DIFFICULTY REPORT



ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3220	94FA	AMTRJG				GEAR	COLLAPSED		2/15/98
	0017	QUESTAIR20				2045000	NLG		98ZZZX991
	LANDING GEAR I	S NOT FULLY RETRAC THE AIRCRAFT FLIPPEI	TED. THE PILOT CON	NTINUED THE FLIGH	T TO GREENSBORO	TED ON THE INSTRUMENT WHERE UPON LANDING OT WAS HOSPITALIZED, BU	THE NOSE GEAR FAILED	AND THE PILO	OT LOST CONTROL OF
3213	90965	BBAVIA				U-BOLT	BROKEN	1277	3/24/98
	6073	8KCAB				19805	RT MLG LEG		98ZZZX1630
****		PILOT NOTED RIGHT M LEG COMES OUT OF TH				AND FORTH APPROXIMA	ATELY 12 INCHES. FOUND	BROKEN U-F	BOLT WHERE THE
2701	800LS	BEECH				SPROCKET ASSY	CRACKED	6171	2/18/98
	BB457	200BEECH				1005241201	YOKE BS 100		98ZZZX966
****		YOKE POSITION 30 DE AILERON CONTROL.			DRMED VISUAL INS	PECTION, FOUND PRIMAR	Y SPROCKET ASSEMBLY	WELD TO AF	T CRACKED
5511	5167M	BEECH				SPAR	CRACKED	7987	3/27/98
YEBR	M2043	C23			169620001603	16962000159	H STAB HINGE		98ZZZX1628
****		ILATOR MAIN SPAR AI TAILED INSPECTION O				S AIRCRAFT IS USED FOR	FLIGHT TRAINING. CRAC	CKS POSSIBLY	DUE TO FATIGUE.
5210	9617Y	BEECH				HANDLE	WORN	2600	1/30/98
	CD583	35B33				95380010	CABIN DOOR		98ZZZX958
						OUGH THIS HANDLE IS TH D SHOULD BE CORRECTE			
5210	9617Y	BEECH				PLATE	WORN	2600	1/30/98
	CD583	35B33				35400395	CABIN DOOR		98ZZZX959
						OUGH THIS HANDLE IS TH D SHOULD BE CORRECTE			
7120	9880R	BEECH				BRACKET	FAILED	3185	2/2/98
	D6437	M35				626089	ENGINE MOUNT	396	98ZZZX995
****	FURTHER DAMAG	GE TO VALVE COVERS. IITTER SUGGESTED DY	COWLING, INTAKE	MANIFOLD. MOUNTS	S HAD BROKEN SIN	IIDDLE. THIS CAUSED EN CE LAST OIL CHANGE AP! 'ED FROM MOUNTS. MEC	PROXIMATELY 30 HOURS	. PILOT WAS	UNAWARE OF
2841	1525M	BEECH				SIGHT GAUGE	STUCK		3/27/98
	EA464	B36TC				00238100215	RT FUEL QTY		98ZZZX1614
	RIGHT FUEL TAN SIGHT GAUGES.	K SIGHT GAUGE STUC	K AT 35 GALLONS. R	EMOVED AND REPLA	ACED SIGHT GAUGI	E. SUGGEST DURING ANN	IUAL INSPECTION, CHECK	K FOR CORRE	CT OPERATION OF
2842	1525M	BEECH				TRANSMITTER	WRONG PART		3/27/98
	EA464	B36TC				58938000113	FUEL QUANTITY		98ZZZX1615
****	FUEL STARVATIO	ON PROBLEM FOUND T	O BE DUE TO INCORI	RECT FUEL QUANTIT	Y TRANSMITTER H	IAD BEEN INSTALLED.			

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7160	827VJ	BEECH			DONALDSON	AIR FILTER	MISMARKED		1/20/98
	TH1387	58				963890051	INDUCT AIR		98ZZZX761
****		FROM BEECH DISTRIB NOW THE 10TH TIME R				ES MARKED WITH SAME PA AND DISTRIBUTORS.	ART NUMBER, BUT FILTER	PART NUM	MBER INSIDE IS P/N 35-
2612	388AV	BEECH				SENSOR	MALFUNCTIONED		4/11/98
AJZA	U188	C99				302158	RT ENGINE		98ZZZX1617
	AIRCRAFT RETUR		PROBLEMS. THE LIC	GHTS WENT OUT AFT	ER AIRCRAFT WAS	ГНеRE WAS NO OTHER INDI PARKED. INVESTIGATED I GOOD.			
5511	757WN	CESSNA				BRACKET	CRACKED	6500	2/23/98
D6VV	15280063	152				04320049	H STAB SPAR AFT		98ZZZX1629
****						ATTACHES TO REAR SPAR (SIBLY INCLUDE DYE PENET			ALSO HOUSES
5551	8623J	CESSNA				ATTACH FITTING	WORN	3110	1/28/98
FE4R	15066523	150G					HORIZONTAL STAB		98ZZZX978
****		JAL INSPECTION, FOU TH FITTINGS WERE FOU			E AT THE REAR ATT	TACHMENTS. THE STABILIZ	ZER COULD BE MOVED UP	AND DOW	'N ABOUT .25 INCH.
2710	62348	CESSNA				CABLE	FRAYED	11700	4/8/98
	17275254	172P				0510105260	RT AILERON		98ZZZX1624
****	LOWER AFT DOOR	R FRAME AREA. THIS I EN STRANDS, 16 ENDS	S A VERY DIFFICUL	T AREA TO INSPECT	DURING ROUTINE I	AYED WHERE IT TRAVELS NSPECTIONS. THE FRAYING ULLEYS EVERY 5,000 HOUR	G WAS ONLY VISIBLE ON	CE THE PUL	LEY WAS REMOVED.
2731	2709T	CESSNA				ACTUATOR	CORRODED	2682	2/12/98
FTSR	17251609	172E			12600491	0310625	RT STAB TRIM		98ZZZX992
		E ANNUAL, TRIM ACTU S MOST OF ITS LIFE.	ATOR WAS FOUND	ALMOST COMPLETEI	LY STRIPPED. DUE	TO CORROSION VERY FEW	THREADS REMAINED INS	IDE ACTUA	TOR. AIRCRAFT HAD
5412	365ES	CESSNA				FIREWALL	CRACKED		2/20/98
	17280023	172R					LT COWL SHOCK MT		98ZZZX973
	APPROXIMATELY	.50 INCH LONG. AFTE	R CLOSER EXAMINA	ATION FROM INSIDE	THE CABIN, THE CR	OUNT BELOW THE BATTER ACK APPEARED TO BE ABO SSIBLY FROM IMPROPER SI	OUT 3 INCHES LONG AND	ORIGINATI	NG FROM A RIVET
5512	365ES	CESSNA				RIVETS	FAILED		2/20/98
	17280023	172R					HORIZONTAL STAB		98ZZZX974
****	THE REMAINING	RIVETS BOTH LEFT AN	D RIGHT SIDE SHOW	VED SIGNS OF WORK	ING THESE RIVETS	L STABILIZER SKIN PULLEI ARE INBOARD UNDER THE ND PROBLEM WAS CORREC	STABILZIER ROOT FAIRIN		
7603	1098U	CESSNA				THROTTLE CONTROL	FAILED		1/15/98
	17266847	172M				C2995050102	ENGINE		98ZZZX975
	HOUSING SLIPPEI		INER AT CLAMP NE.	AR CARBURETOR. O		NE RPM STAYED AT 1,100 RF PARENTLY SHRUNK FROM I			

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2823	61858	CESSNA				SELECTOR	CORRODED	2386	8/19/97
	18052807	180K				98510675	FUEL SYSTEM		98ZZZX961
		ECTOR VALVE CORRO THE AIRCRAFT. AIRCI		ON ONE SIDE. THE O	NLY WAY TO SEE T	HIS SIDE OF THE VALVE	IS WITH A MIRROR THRO	UGH THE INSI	PECTION PANEL ON
5753	735YG	CESSNA				FLAP	JAMMED	3239	11/18/97
	18265786	182Q					RT WING		98ZZZX762
	,						ROL OF THE RIGHT AILER RN; THUS, FAILING, CAUS		
8010	511CC	CESSNA				SOLENOID	FAILED		1/19/98
	R18200979	R182				S15771	STARTER		98ZZZX1627
	REPLACED START THE CASE WAS W	ER SOLENOID P/N S15 ARPED AND THE TERM	77-1. MASTER SOLEM MINALS BLACK AND	NOID LOOKED BURN PARTIALLY MELTEI	ED, SO IT WAS REPI D. BELIEVE THE STA	ACED WITH P/N S1580-1. ARTER SOLENOID WAS EI	ED CRACKING. STARTER CHECKED BATTERY AND NGAGED IN-FLIGHT WHIC CH SEEMS TO CAUSE EXC	FOUND IT V H CAUSED TI	ERY LOW ON WATER, HE BATTERY TO
3246	9620Q	CESSNA				WHEEL	FAILURE	1432	4/4/98
	18503780	A185F				D301185	MLG		98ZZZX1559
****							. REASON FOR FAILURE IS EEL BOLTS DURING AN AN		
2750	62AK	CESSNA				WIRE	SHORTED	13332	2/18/98
	20700780	207A				CC4	RT WING FLAP		98ZZZX981
					*		VING. INSPECTION OF 10- E WIRE GROMMETS TO FL		
5500	3772Y	CESSNA				MOORING RING	FAILED		2/21/98
	21058272	210D				0422344	TAIL		98ZZZX993
****	INSTALLED BY SO	MEONE IN THE PAST. LD WELD HAD BEEN U	THIS RING BOLT CA	N BE FOUND IN MOS	T ANY HARDWARE	STORE. IT HAD BEEN W	RTS REVEALED AN UNAPFIRE FORMED OF LOW QUARSE THREAD NUTS HAD I	ALITY STEEL	WIRE, .25 INCH IN
3230	3141L	CESSNA				IDLER GEAR	FAILED	10097	2/23/98
	310Ј0141	310J				08421022	NLG RETRACT		98ZZZX983
****	LOSS OF NITROGE NORMAL ON THE	N CHARGE IN STRUT.	STRUT HAD BEEN O RVICING OF OLEO ST	VERSERVICED WITH	I HYDRAULIC FLUII	D. WITH THE STRUT BEIN	WELL DOORS. NOSE GEA NG OVERSERVICED WITH TROGEN CHARGE WAS LO	FLUID, THE E	XTENSION APPEARED
5755	4572N	CESSNA				BRACKET	CRACKED	950	1/19/98
	340A0551	340A				20081	RT SPOILER		98ZZZX963
			,				SPOILER WOULD NOT FUL OTH FLANGES CRACKED		. FOUND BOTH
5755	4572N	CESSNA				BRACKET	CRACKED	950	1/19/98
	340A0551	340A				20083	RT SPOILER		98ZZZX962
			,				SPOILER WOULD NOT FUL OTH FLANGES CRACKED		. FOUND BOTH

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
5610	88584	CESSNA				WINDSHIELD	DEPARTED	7500	12/1/97
	421C0642	421C				5111604202	COPILOT		98ZZZX971
	SUSPECT THE FOR		ATTACH HOLES IS V	VHERE THE CRACK S			IMATELY 10 PERCENT LEFT A T UP OR AFT TO THE TOP OF		
3240	6775C	CESSNA				VALVE	FAILED		2/3/98
	5500677	550				8952320875	EMERGENCY BRAKE		98ZZZX1095
					·	T PASS OPERATIONAL TE GNAL AEROSPACE EQUIPM	ST IN AIRCRAFT. FOUND VA MENT SYSTEMS.	LVE TO E	BE FAULTY.
7933	314QS	GULSTM				CONNECTOR	MISLABELED	208	2/10/98
CWQR	5600441	560				P87	ENG OIL TEMP		98ZZZX984
	CONNECTOR FOR	OIL TEMPERATURE A	T ENGINE MISLABEL	ED, P.93. PER MANU	FACTURER, CONNE	CTOR SHOULD BE LABEL	ED P.87.		
7921	9157M	MOONEY				OIL COOLER	CRACKED	682	2/2/98
	290009	M20R				649479	FRONT INBOARD		98ZZZX764
	OIL COOLER INSP WELD.	ECTION FOUND A CRA	CK FORMED AT THE	BASE OF THE FRON	T INBOARD STIFFEN	NER, IN WELD AREA. CRA	CK HAD PENETRATED THE W	ELD. SU	SPECT CAUSE, BAD
5700	6076D	PIPER				STRUT	RUSTED	2500	1/22/98
	224730	PA22150				855592	WING		98ZZZX760
****	4635NM WAS DON ARE MOUNTED. 7	NE TO STRUTS. OLD FO	ORK BARREL WAS CUED FOR STC COMPLET	T OFF BY TECHNICITION. THE OWNER, V	ANS. FOUND 2 STR	UTS RUSTED SEVERELY C	O ALL FOUR STRUTS INSPECT ON THE INSIDE OF THE STRUT THAT THE AD 93-10-06 DOES	WHERE	THE DOOR CATCHES
8011	6484P	PIPER			PREAIR	STARTER	INOPERATIVE		2/21/98
	241602	PA24250				PM1201	RING GEAR		98ZZZX982
****	14V BATTERY PO GEAR WITHOUT M CAUSED THE AIR	WER THROUGH COPPE MANUAL MANIPULATI PLANE WET COMPASS	R AIRCRAFT CABLES ON OF THE PINION G TO SWING MORE TH	S. THE STARTER DII EAR. THIS PERMAN AN 90 DEGREES. LA	O START THE ENG, F ENT MAGNET STAR MAR STARTER (PM	IOWEVER, UPON ENG SHU TER CREATED SUCH A LA	PINION GEAR EVEN THOUGH JTDOWN AND RESTART, IT F IRGE MAGNETIC FIELD DURI PREPLACED WITH A FRESHL' COMPASS.	AILED TO NG ENGI	ENGAGE THE RING NE ROTATION THAT IT
3213	9375N	PIPER				HOUSING	BROKEN		3/25/98
	28R35084	PA28R200				67035	LT MLG STRUT		98ZZZX1623
****		F GEAR FOUND BROKE E RADIUS. CAUSE - HA				SHOULD HAVE LARGE RA	DIUS AT AREA USING A BEAR	RING SPA	CER WITH A
3213	170ND	PIPER				TRUNNION	CRACKED	7773	4/13/98
OG5R	2837005	PA28R201				6792617	RT MLG STRUT		98ZZZX1625
						ED AT LOWER END OF WE OTHER AIRCRAFT IN FLEE	EB AREA. CRACK APPROXIM. T.	ATELY .7	5 INCH LONG
3222	225PA	PIPER				GEAR ASSY	FAILED		1/9/98
	28R7635443	PA28R200				6710010	NLG RETRACT		98ZZZX964
						AFT AND STARTED TO SH ETRACT LUG ON NLG AS	UT DOWN ENGINE. THE NOS SY HAD BROKEN.	E WHEEL	COLLAPSED

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO			
3230	3581C	PIPER				DRAG LINK	CRACKED	8994	1/30/98			
	318052091	PA31350				4033600	RT UPPER LEG		98ZZZX758			
						DRAG LEG CRACKED AT NE YEAR. BOTH CRACKI	BOSS WHERE THE RETRACED IN SAME PLACE!	CT ACTUATO	OR LINKAGE			
5521	35497	PIPER				SPAR	CRACKED	6777	1/21/98			
	318052039	PA31350					LT/RT ELEVATOR		98ZZZX976			
****		SB 998, BOTH ELEVATO MPROVED DESIGNS.	OR SPARS WERE CRA	.CKED .50 INCH IN FR	OM OUTBOARD EN	D. (BOTH SPARS REPLAC	ED). ELEVATOR SPAR REPI	LACEMENT	NR'S 40075-020 AND			
3250	112BL	PIPER				BUSHING	CORRODED		1/21/97			
CTYR	31T7720037	PA31T			4713400	2073743	NLG STEERING		98ZZZX977			
		ERING BELLCRANK BU SHINGS HAVE NO GREA				1S WERE STIFF RUDDER F	PEDALS. BUSHINGS AND SH	IAFT, P/N 47	080-000, WERE			
2740	3255W	PIPER				CONTROL ARM	WRONG PART		2/10/98			
	3277	PA32260				65248	STAB TRIM TAB		98ZZZX980			
7820	47684 32R7880018 DURING ANNUA	,	NTER MUFFLER WAS		NE-QUARTER AROU	MUFFLER 6751Q7000 JND IN THE WELD UNDER	CRACKED TAILPIPE WELD R REINFORCEMENT PLATE.	IT APPEARS	2/1/98 98ZZZX955 5 THE WELD DID NOT			
5712	PENETRATE THE	E TAILPIPE COMPLETEL PIPER	Y.			RIB	CRACKED	2474	2/13/98			
3712	347250024	PA34200				78500003	WING	2171	98ZZZX994			
	DISCOVERED RI AIRCRAFT USED	B SEVERELY CRACKED	ALMOST EXCLUSIV	ELY. NEW PART OF	SAME NUMBER IS M	ONALLY DURING 100-HO	UR INSPECTION. SUSPECT ANY STRUCTURAL MODIFI		D LANDINGS.			
2750	21113	PIPER				CABLE	FRAYED	7100	1/30/98			
CE8S	447995040	PA44180				62701101	FLAP		98ZZZX997			
****	FRAYED ONLY T						OVED. FURTHER INSPECTION CESSIBLE TO INSPECT. CAI					
3213	2103K	PIPER				STRUT	FAILED	8100	1/20/98			
CE8S	447995183	PA44180				6703704	LT MLG		98ZZZX996			
		NG, THE LEFT MAIN GE CAUSING DAMAGE TO T					ATTACHES TO THE LOWER (CASTING, A	ND SEPARATED FROM			
5313	328PW	RHNFLU				LONGERON	CRACKED	711	2/2/98			
	09	EXTRA300				PC24000A0	HOR STAB ATTACH		98ZZZX759			
	DURING ROUTINE SERVICE WITH HORIZONTAL STABILIZER REMOVED, FOUND A CRACK IN THE UPPER LONGERON AT THE HORIZONTAL STABILIZER FORWARD ATTACH POINT. THIS LOCATION CANNOT BE SEEN DURING NORMAL INSPECTION PROCEDURES WITH HORIZONTAL STABILIZER INSTALLED. NO DEFECT WAS FOUND IN THE LOCATION DEPICTED IN SB 300-2-95. SUBMITTER RECOMMENDED REMOVING HORIZONTAL TO INSPECT FOR CRACKS.											

D 0 1 FD 0 FT 0			
TANAMEGTIC:	CEDVICE DIEERVI	ILTY REPORT SUMMARY	AIDC'DAFT (cont'
1 1/1 /1/2/11 /2 / 1 / 1/2	. 31 32 9 10 17 1711 1710 4	HALL KEECKL SURVIVIAK L	- AINCAALI (COIII

DOMESTIC	C SERVICE DIFFIC	CULTY REPORT S	UMMARY - AIRC	CRAFT (cont'd)			4/26/98 To 5/2/9	98 ISS	SUE: 98-18 ZAC-327
ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
5313	76PK	RHNFLU				LONGERON	CRACKED		2/2/98
	15	EXTRA300				PC24000A0	HOR STAB ATTACH		98ZZZX763
****	HORIZONTAL STAB IN FRONT OF HORIZ REMOVING HORIZO	ILIZER FORWARD AT ZONTAL STABILIZER A	TACH POINT. THIS LATTACHMENT DEPIC TO INSPECT THE ARE	OCATION CANNOT ITS A LOCATION WH	BE SEEN DURING NO IICH NO DEFECT WA	RMAL INSPECTION PROC S FOUND ON THIS PARTIC	IND A CRACK IN THE UPPER I EDURES. SB 300-2-95 INSPEC CULAR AIRCRAFT. SUBMITTI IRTICULARLY, AT THE WELL	TION OF ER RECC	UPPER LONGERON MMENDED
7810	2507T	SOCATA				MUFFLER	FAILED	1880	2/14/98
XHYR	914	TB20TRINIDAD				TD2056010006	ENGINE	4	98ZZZX987
	MUFFLER SEAM SPI	LIT FOLLOWING REPA	IR. TIS WAS 1 HOUR.	SECOND REPAIR L	ASTED 3 HOURS THE	EN MUFFLER EXPLODED.	INVESTIGATION FOUND MU	FFLER W	AS FOR LYC O320

(End of DOMESTIC SERVICE DIFFICULTY REPORT SUMMARY - AIRCRAFT)

INSTEAD OF IO540.

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2312	104PH	BELL				TRANSCEIVER	FAILED		4/16/98
HEEA	3622	206B3			KX155	069102405	COCKPIT		HEEA0013922
	RADIO POWERS O DISPLAY BOARD.	FF BY ITSELF. (NO DIS	SPLAY) VERIFIED CO	MPLAINT. PERFORM	MED PRELIMINARY	INSPECTION AND FOUND	UNIT TO HAVE NO DISP	LAY DUE TO B	URNT SPOT ON
2435	22743	BELL				GENERATOR	FAILED	11484	4/16/98
HEEA	3624	206B3				23032048	START/GEN		HEEA0013952
	DROPS OFF LINE I	N FLIGHT. COMES BA	CK ON WITH RESET	FIELD SWITCH.					
2562	5742N	BELL			NARCO	ELT	FAILED		4/16/98
HEEA	45477	206L1				ELT910	COCKPIT		HEEA0013956
	ELT WILL NOT TU	RN OFF.							
2622	5007Y	BELL				FIRE EXTINGUISHE	DEFECTIVE		4/16/98
HEEA	45192	206L1				MODEL344	CABIN		HEEA0013958
	PRESSURE AND W	EIGHT ARE LOW.							
2810	3892R	BELL				FUEL CELL	LEAKING		4/15/98
HEEA	45594	206L1				206064611001	FUEL SYS		HEEA0013898
	FUEL CELL LEAKI	NG.							
2841	107PH	BELL				INDICATOR	STUCK		4/16/98
HEEA	2789	206B3				206075189001	FUEL QTY		HEEA0013963
	FUEL QTY INDICA	TOR NEEDLE STUCK I	BETWEEN 55 AND 60	GALLONS.					
3340	16938	BELL			WHELEN	POWER SUPPLY	WEAK		1/6/98
HEEA	45157	206L1				A490A	STROBE		HEEA0012518
	POWER SUPPLY V	ERY WEAK.							
3421	1072T	BELL				INDICATOR	FAILED		4/16/98
HEEA	45385	206L1				2360041902	COCKPIT		HEEA0013969
	INDICATOR ROTO	R BEARINGS FROZEN	•						
3421	1078C	BELL				INDICATOR	FAILED		4/16/98
HEEA	45392	206L1				2360041902	COCKPIT		HEEA0013967
	ATTITUDE INDICA	TOR HAS BAD BEARI	NGS.						
3421	2250U	BELL				INDICATOR	FAILED		4/16/98
HEEA	45754	206L1				2360041902	COCKPIT		HEEA0013968
	ATTITUDE INDICA	TOR HAS BAD BEARI	NGS.						
3452	2249Z	BELL				TRANSCEIVER	FAILED		4/16/98
HEEA	45753	206L1			KT76	066106200	COCKPIT		HEEA0013921
	PULSE WIDTH OU	T OF SPECS. UNABLE T	ΓΟ CHANGE PULSE W	VIDTH DUE IT BEING	A SURFACE MOUNT	Γ COMPONENT.			

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6230		BELL				LINK ASSY	WORN		3/18/98
ZV1R		206L1				206010336005	PYLON		98ZZZX1621
		AT TWO PLACES. SEE SINCE REPLACEMENT		21. AT TEAR DOWN	FOUND LINK ASSY	BEARINGS AND SPACERS	S WORN BEYOND LIMITS, T	OTAL TIME	OF PARTS LESS THAN
6230	5737T	BELL				RING ASSY	WORN		4/15/98
HEEA	45454	206L1			206010450113	206010451005	M/R MAST		HEEA0013903
	SEAL RIDE WORN	N BEYOND LIMITS.							
6700	1078D	BELL				SLEEVE	CORRODED		4/16/98
HEEA	45397	206L1				206001328007	FLT CONTROL		HEEA0013945
	CORROSION BEY	OND LIMITS ON INSIDE	E DIAMETER OF RETA	INER RING. SCRAPP	ED REPLACED WIT	H SERVICEABLE PART.			
6710	1078D	BELL				ELBOW	CORRODED		4/16/98
HEEA	45397	206L1				206001343001	M/R		HEEA0013946
	CORROSION BEY	OND LIMITS AROUND I	BOLT HOLE AND ARC	OUND SHOULDER AF	REA. SCRAPPED LOC	CALLY. REPLACED WITH	SERVICEABLE PART.		
6710	5737T	BELL				ACTUATOR	FAILED		1/6/98
HEEA	45454	206L1				206062721109	M/R CONT		HEEA0012517
	ACTUATOR WOR	KS INTERMITTENTLY,	WILL NOT ADJUST.						
6720	1078D	BELL				PLATE ASSY	ROUGH		4/16/98
HEEA	45397	206L1				206001188001	MIXING LEVER		HEEA0013944
	BEARING ROUGH	I, RATCHETY AND CAN	NOT BE REPLACED.	SCRAPPED BEARING	AND REPLACED W	ITH SERVICEABLE BEARI	NG.		
7250	22718	BELL	ALLSN			NOZZLE	DEFECTIVE		4/16/98
HEEA	3618	206B3	250C20B		6898735	6851531	NR 4		HEEA0013972
	RECEIVED NR4 N	OZZLE AND ATTEMPTI	ED TO MACHINE TIP	PATHS. NOTED: CO.	ATING LIFTING ANI	D FLAKING DURING MAC	HINING.		
7322	206BX	BELL	ALLSN			FUEL CONTROL	DEFECTIVE		4/9/98
LS1R	2872	206B	250C20B			23056936	ENGINE	1730	98ZZZX1620
	FUEL CONTROL E	BEARING - BLUE GREAS	SE WASHED OUT. SE	NT FOR REPAIR. CN	TRL NR 98-4-7.				
7714	1078G	BELL				DUAL TACH	FAILED		4/16/98
HEEA	45398	206L1				65023046	COCKPIT		HEEA0013961
	DUAL TACHNEED	DLE SPLIT.							
7930	2775A	BELL				INDICATOR	FAILED		4/16/98
HEEA	45297	206L1			174000103	174035201	ENG OIL		HEEA0013924
	INDICATOR WILL	NOT INDICATE. INDIC	CATOR WAS REMOVE	ED FROM BOWL AND	CLEANED. INSTAI	LLED INDICATOR BACK O	N BOWL, TESTED AND IND	ICATOR ST	ILL DIDN'T WORK.
7930	2135V	BELL				INDICATOR	FAILED		4/16/98
HEEA	45657	206L1			174000103	174035201	ENG OIL		HEEA0013925
	WILL NOT INDICA		REMOVED FROM BO	WL AND CLEANED.	INSTALLED INDICA	TOR BACK ON BOWL, TE	STED AND INDICATOR STII	L DIDN'T V	ORK.
7930	41128	BELL				INDICATOR	FAILED		4/16/98
HEEA	51134	206L3			174000103	174035201	ENG OIL		HEEA0013926
			L AND CLEANED IN	STALLED INDICATO		TESTED AND INDICATOR			

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7930	3116L	BELL				INDICATOR	FAILED		4/16/98
HEEA	51529	206L3			174000101	1740352	ENG OIL		HEEA0013923
	INDICATOR WILL	NOT INDICATE. INDIC	CATOR WAS REMOVE	ED FROM BOWL ANI	CLEANED. INSTAL	LED INDICATOR BACK O	N BOWL, TESTED AND IND	OICATOR ST	ILL DIDN'T WORK.
2312	5736J	BELL				TRANSCEIVER	FAILED		4/16/98
HEEA	31140	212				7001840903	COCKPIT		HEEA0013949
	TRANSCEIVER DI	SPLAY 50,250,400 AND	1200 LED'S GO OUT.						
5210		BELL				TRACK ASSY	DEFECTIVE		4/15/98
HEEA		212				205030220010	RT UPPER DOOR		HEEA0013897
	R/H UPPER DOOR	TRACK NOT WIDE EN	OUGH TO ALLOW RO	LLER TO PASS WITH	OUT JAMMING IN C	HANNEL.			
2210	59806	BELL				AMPLIFIER	MALFUNCTION		4/15/98
HEEA	28140	214ST				214074301105	SCAS		HEEA0013896
	PITCH CHANNEL	KICKS IN FLIGHT.							
2432	3897N	BELL				CHARGER	FAILED		1/6/98
HEEA	28106	214ST				214175379103	BATTERY		HEEA0012529
	BATTERY SYSTEM	M LIGHT REMAINS ON.							
2432	6957Y	BELL				CHARGER	FAILED		1/6/98
HEEA	28139	214ST				214175379103	BATTERY		HEEA0012532
	BATTERY NOT CH	HARGING.							
2564	59805	BELL				LIFE RAFT	DEFECTIVE		4/16/98
HEEA	28141	214ST				214070943108	EMERG EQUIP		HEEA0013960
	WILL NOT FIT IN	THE AIRCRAFT.							
3413		BELL				INDICATOR	DEFECTIVE		1/12/98
HEEA		214ST				RC30VIL2	VERT SPEED		HEEA0012563
	VERT SPEED INDI	CATOR NEEDS TO MO	DIFIED PER S/B 214-9	7-79. TIME SINCE RE	EPAIR 0:00.				
3413		BELL				INDICATOR	DEFECTIVE		1/12/98
HEEA		214ST				RC30VIL2	VERT SPEED		HEEA0012564
	VERT SPEED INDI	CATOR NEEDS TO MO	DIFIED PER S/B 214-9	7-79. TIME SINCE RE	EPAIR 0:00.				
3413	3897N	BELL				INDICATOR	DEFECTIVE		1/12/98
HEEA	28106	214ST				212070239003	COCKPIT		HEEA0012562
	INDICATOR NEED	S TO MODIFIED PER S	В 214-97-79.						
3413	3897N	BELL				INDICATOR	DEFECTIVE		1/12/98
HEEA	28106	214ST				212070239003	COCKPIT		HEEA0012561
	INDICATOR NEED	OS TO MODIFIED PER S	В 214-97-79.						
3413	6957Y	BELL				INDICATOR	DEFECTIVE		1/12/98
HEEA	28139	214ST				212070239003	COCKPIT		HEEA0012560
	INDICATOR NEED	S TO MODIFIED PER SA	B 214-97-79.						

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3413	6957Y	BELL				INDICATOR	DEFECTIVE		1/12/98
HEEA	28139	214ST				212070239003	COCKPIT		HEEA0012559
	INDICATOR NEED	S TO MODIFIED PER S	В 214-97-79.						
3413	59805	BELL				INDICATOR	DEFECTIVE		1/12/98
HEEA	28141	214ST				RC30VIL2	COCKPIT		HEEA0012566
	INDICATOR NEED	S TO MODIFIED PER S	В 214-97-79.						
3413	59805	BELL				INDICATOR	DEFECTIVE		1/12/98
HEEA	28141	214ST				RC30VIL2	VERT SPEED		HEEA0012565
	INDICATOR NEED	S TO MODIFIED PER S	В 214-97-79.						
3424	6957Y	BELL				RATE GYRO	FAILED		1/6/98
HEEA	28139	214ST				214075244001	COCKPIT		HEEA0012530
	RATE GYRO SHOV	WS FULL LEFT TURN A	LL THE TIME.						
6320	5748M	BELL				TRANSMITTER	FAILED		1/6/98
HEEA	28102	214ST				222375077111	M/R GR BOX		HEEA0012537
	INDICATES HIGH	AND ALSO SHOWS 10-2	20 PSI STATIC.						
6220	230UN	BELL				SPRING	DETERIORATED		1/9/98
HEEA	23009	230				222310117105	M/R FLAP		HEEA0012555
	M/R FLAPPING EL	ASTOMER CRACKING	AND DETERIORATEI	D. SERIAL NUMBERS	REMOVED LK0092	AND LK0067.			
6400	230UN	BELL				IDLER	WORN		1/9/98
HEEA	23009	230				222012130001	T/R		HEEA0012552
	IDLER BEARING H	IAS PLAY.							
3212	57416	BELL				FLOAT COVER	WORN		1/9/98
HEEA	53070	407				206050247131	FLOAT		HEEA0012557
	FLOAT COVER AS	SY END CAPS WORN.							
3212	57416	BELL				FLOAT COVER	WORN		1/9/98
HEEA	53070	407				206050247137	FLOAT		HEEA0012558
	FLOAT ASSY END	CAPS WORN.							
3416	1167G	BELL				INDICATOR	FAILED		4/15/98
HEEA	53067	407				214175278101	COCKPIT		HEEA0013914
	ENCODER TRANS	PONDER READS 200 FE	ET OFF.						
6310	407PH	BELL				CARBON SEAL	LEAKING	2490	4/15/98
HEEA	53003	407			406040500123	406340102101	FREEWHEEL		HEEA0013902
	FREEWHEEL CAR	BON SEAL LEAKING.	(2500 HOUR OVERHA	UL DUE)					
6322	467PH	BELL				FAN SHAFT	DEFECTIVE	343	4/6/98
HEEA	53142	407				407040303101	BEARINGS		HEEA0013858
	FAN SHAFT HAS R	ROUGH BEARINGS.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6510	407PH	BELL				DISK COUPLING	CORRODED		1/9/98
HEEA	53003	407				406040340101	T/R DRIVE		HEEA0012549
	DISK COUPLING H	AS CORROSION AND F	ITS CAUSING DISCS	TO SPREAD (GAPS B	ETWEEN DISC STAC	K)			
6510	407PH	BELL				DISK COUPLING	CRACKED		4/15/98
HEEA	53003	407				406040340101	T/R DRIVE		HEEA0013910
	DISC CRACKED OF	N INSIDE HOLE.							
6510	407PH	BELL				DISK COUPLING	CRACKED		1/13/98
HEEA	53003	407				406040340101	T/R DRIVE		HEEA0012572
	CRACKED DISC OF	NOUTER DISC. LAST I	DISC PACK NEAR T/R	GEARBOX.					
6510	407PH	BELL				DISK COUPLING	CRACKED		1/13/98
HEEA	53003	407				406040340101	T/R DRIVE		HEEA0012571
	CRACKED DISC ON	N OUTER DISC, 2ND FR	OM LAST PACK.						
6510	407PH	BELL				DISK COUPLING	CRACKED	326	1/13/98
HEEA	53003	407				406040340101	T/R DRIVE		HEEA0012570
	NR 7 (2ND FROM R	EAR) THOMAS COUPL	ING CRACKED.						
6510	417PH	BELL				DISK COUPLING	CRACKED		1/9/98
HEEA	53038	407				406040340101	T/R DRIVE		HEEA0012550
	DISC COUPLING H	AS CRACKED DISC ON	THE FRONT AND RE	AR BETWEEN BOLT	HOLES				
6510	417PH	BELL				DISK COUPLING	CRACKED		1/9/98
HEEA	53038	407				406040340101	T/R DRIVE		HEEA0012545
	FOUND DISC PACK	CRACKED ON DAILY	INSPECTION.						
6510	57416	BELL				DISK COUPLING	CRACKED		1/13/98
HEEA	53070	407				406040340101	T/R DRIVE		HEEA0012568
	FOUND DISC PACE	CRACKED ON DAILY	INSPECTION.						
6510	57416	BELL				DISK COUPLING	CRACKED		1/13/98
HEEA	53070	407				406040340101	T/R DRIVE		HEEA0012569
	ON DAILY INSPEC	TION FOUND NR1 DISC	PACK CRACKED.						
6510	437PH	BELL				DISK COUPLING	CRACKED		1/9/98
HEEA	53072	407				406040340101	T/R DRIVE		HEEA0012551
	NR 1 TAIL ROTOR	DRIVESHAFT COUPLIN	NG DISC CRACKED.						
6510	437PH	BELL				DISK COUPLING	CRACKED	65	1/13/98
HEEA	53072	407				406040340101	T/R DRIVE		HEEA0012567
	NR 1 T/R DRIVE SH	IAFT COUPLING DISC	CRACKED.						
6510	467PH	BELL				DISK COUPLING	CORRODED		1/9/98
HEEA	53142	407				406040340101	T/R DRIVE		HEEA0012547
	DISC COUPLING C	ORROSION BEYOND L	IMITS.						

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6510	467PH	BELL				DISK COUPLING	CRACKED		4/15/98
HEEA	53142	407				406040340101	T/R		HEEA0013912
	DISK COUPLING C	CRACKED.							
6510	467PH	BELL				DISK COUPLING	CRACKED		1/9/98
HEEA	53142	407				406040340101	T/R DRIVE		HEEA0012546
	DISC COUPLING C	CRACKED.							
6510	467PH	BELL				DISK COUPLING	CRACKED		4/15/98
HEEA	53142	407				406040340101	T/R		HEEA0013911
	DISC COUPLING C	CRACKED.							
6510	402PH	BELL				DISK COUPLING	DEFECTIVE		1/9/98
HEEA	53159	407				406040340101	T/R DRIVE		HEEA0012548
	DISC COUPLING H	IAS GAP BETWEEN DIS	SCS BEYOND LIMITS.						
2200	2258F	BELL				TARSYN 333	FAILED		1/6/98
HEEA	33073	412				2593996333	AUTO FLIGHT		HEEA0012525
	FAILED TEST 3.1 (ON SST BENCH.							
2210	107X	BELL				TARSYN	NOISY		4/16/98
HEEA	33113	412				2593996333	COCKPIT		HEEA0013959
	TARSYN NOISY B	EARING.							
2210	2149S	BELL				COMPUTER	FAILED		4/2/98
HEEA	36002	412				7000298901	AFCS		HEEA0013706
	FAILED PART 9.3	AND 9.4 ON SST PITCH.							
2210	33008	BELL				AUTOPILOT CONTRO	DEFECTIVE		1/6/98
HEEA	36004	412				7000299901	COCKPIT		HEEA0012541
	AUTOPILOT CONT	TROL HP1 AND HP2 LIC	HTS ARE TOO DIM W	HEN INSTRUMENT	LIGHTS ARE DIMME	D.			
2211	5759N	BELL				COMPUTER	FAILED		1/6/98
HEEA	33002	412				4025008918	AFCS		HEEA0012542
	AFCS COMPUTER	FAILED TEST 8.3 ON S	ST BENCH TWICE.						
2562	107X	BELL			NARCO	ELT	FAILED		4/16/98
HEEA	33113	412				ELT910	COCKPIT		HEEA0013955
	ELT INOPERATIVI	E.							
2822	141PH	BELL				PUMP	FAILED		1/6/98
HEEA	33197	412				164A1681	FUEL BOOST		HEEA0012531
	NR 2 FUEL TRANS	FER LIGHT ON WOULI	NOT GO OUT.						
2822	141PH	BELL				PUMP	FAILED		1/6/98
HEEA	33197	412				205060606003	FUEL BOOST		HEEA0012536
	BOOST PUMP LIG	HT COMES ON IN FLIG	HT.						

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3120	22608	BELL				DIGITAL CLOCK	FAILED		4/16/98
HEEA	33075	412				M811B	COCKPIT		HEEA0013951
	CLOCK GOES OFF	AND ON.							
3340	2298Z	BELL				LANDING LIGHT	FAILED		4/16/98
HEEA	33077	412				212075139001	MOTOR CONTACTS		HEEA0013975
	LANDING LIGHT	WOULD NOT TURN OF	F WHEN LIGHT IS HO	T. REPLACED GEAR,	CLEANED MOTOR	CONTACTS. UNIT MEETS	MFG SPECS.		
3420	3893N	BELL				GYRO	FAILED		1/6/98
HEEA	33010	412				4020936903	3 AXIS IND		HEEA0012526
	GYRO BLEW CIRC	CUIT BREAKER ON SST	•						
3420	3893P	BELL				GYRO	FAILED		1/6/98
HEEA	33012	412				4020936903	3 AXIS INDICATOR		HEEA0012539
	3 AXIS GYRO IND	ICATOR CAUSES KICK	S IN PITCH AND ROLI	L IN AIRCRAFT.					
3424	3911L	BELL				RATE GYRO	FAILED		4/16/98
HEEA	33023	412				214075244001	COCKPIT		HEEA0013950
	RATE GYRO TURN	N NEEDLE STICKS.							
3457	2148K	BELL				GPS	DEFECTIVE		4/16/98
HEEA	36001	412			GPS165	0110010600	COCKPIT		HEEA0013927
	SEVERAL LED INC	OPERATIVE, LOWER DI	SPLAY. PERFORMED	PRELIMINARY INSP	ECTION. FOUND U	NIT DISPLAYING STRANG	E CHARACTERS, AND WILL	NOT LOCK	ON.
6210	2014K	BELL				BLADE	DEFECTIVE	7147	1/13/98
HEEA	33020	412				412015300109	M/R		HEEA0012576
	UNABLE TO TRAC	CK AND BALANCE BLA	DE.						
6210	3893S	BELL				BLADE	CRACKED	8411	1/13/98
HEEA	33022	412				412015300109	M/R		HEEA0012577
	BLADE HAS SKIN 7978:15.	CRACK NEAR THE INB	OARD TRIM TAB ON	THE LOWER SURFA	CE WHERE A REPAI	R WAS DONE PREVIOUSL	Y AT COMPOSITE TECHNICS	S WITH A T	OTAL TIME OF
6220	2261D	BELL				BEARING	WORN	248	4/15/98
HEEA	33076	412				412010182101	M/R		HEEA0013899
		RACE SHOULDER WOR ONTACTING THE PITCI		•		L5 WHICH WAS CAUSED B	Y THE LACK OF THREADS (ON THIS NU	JT OR WASHER P/N
6320		BELL				SEAL	DEFECTIVE		1/14/98
HEEA		412				412040111103	M/R GR BOX		HEEA0012581
	MAGNETIC RING	HAS NO MAGNETISM.							
6320	2148K	BELL				RING GEAR	CORRODED		1/6/98
HEEA	36001	412				205040231009	M/R GR BOX		HEEA0012524
	FRETTING CORRO	SION ON FLANGE SUR	FACE AND PILOT DIA	AMETERS (UPPER AN	ND LOWER)				
6710	6559Z	BELL				ACTUATOR	FAILED		1/6/98
HEEA	36019	412				204060762103	M/R CONTROL		HEEA0012535
	ACTUATOR WILL	NOT HOLD BEEP RANG	GE ADJUSTMENT.						

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7320		BELL				FUEL CONTROL	FAILED		4/16/98
HEEA		412				324473513	ENGINE		HEEA0013973
	AFCU BROKEN. FO	OUND PX-PY ADAPTER	BROKEN. REPLACE	D WITH SERVICEABI	E PART.				
7712	3911L	BELL				INDICATOR	FAILED		4/16/98
HEEA	33023	412				412075008111	NR 1 ENG TORQ		HEEA0013962
	NR1 ENGINE SIDE	POPS CIRCUIT BREAK	ER.						
7714	5759N	BELL				INDICATOR	FAILED		4/16/98
HEEA	33002	412				412075010111	TRIPLE TACH		HEEA0013940
	TRIPLE TACH REA	ADS HIGH AND NEEDL	ES 1 AND 2 HAVE EX	CESSIVE FRICTION E	RROR.				
7714	3893P	BELL				INDICATOR	DEFECTIVE		1/6/98
HEEA	33012	412				412075010111	TRIPLE TACH		HEEA0012540
	TRIPLE TACH IND	DICATOR HAS LOOSE P.	ARTS INSIDE.						
7714	2149S	BELL				INDICATOR	FAILED		4/16/98
HEEA	36002	412				412075010109	TRIPLE TACH		HEEA0013928
	TRIPLE TACH NR	2 NEEDLE AND ROTOR	NEEDLE ARE INOPE	RATIVE.					
7722	1202T	BELL				INDICATOR	FAILED		1/6/98
HEEA	33112	412				212075067105	COCKPIT		HEEA0012538
	ITT INDICATOR R	EADS LOW THROUGH	OUT SCALE.						
7810	108X	BELL				EJECTOR	CRACKED		1/6/98
HEEA	33115	412				212061201011	LT EXH		HEEA0012528
	LT EJECTOR ASSY	HAS CRACK AROUND	SUPPORTS.						
6310	194CH	BOEING				CLUTCH	MALFUNCTIONED	20	1/19/98
CHIR		1072			107D2003515	107DS2131	NR 1 IDLER		CHI2010
	NR 1 CLUTCH HA	D OVERRUN DURING T	OPPING CHECK AND	WOULD NOT RE-EN	GAGE. NO PROBLE	EM FOUND WITH CLUTCHE	ES, HUB OR PINION. (X)		
6310	CGHFY	BOEING				CLUTCH	SLIPPED	109	1/19/98
CHIR	2002	1072			107D2003515	107DS2131	NR 1 IDLER		CHI2009
		PPED IN-FLIGHT. NO A O BE INSPECTED BY H			ON. DIMENSIONAI	L INSPECTION OF PINION A	AND HUB SHOW THEM TO F	BE WELL WI	THIN LIMITS.
6310	CGHFI	BOEING				CLUTCH	SLIPPING	310	1/29/97
CHIR	5	1072			107D2003515	107DS2131	NR 2		CHI2007
	NR 2 CLUTCH SLI	PPING. (X)							
6220	P2CHI	BOEING				BEARING	SPALLED	8902	12/20/97
CHIR	MJ003	234			414R200219	114RS2133	AFT ROTOR		CHI2012
							L OF RED HORIZONTAL HIN D A CRACKED HORIZONTA		

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2312	81832	BOLKMS				TRANSCEIVER	FAILED		4/16/98
HEEA	S828	BO105S			KY196	064101902	COCKPIT		HEEA0013930
	TRANSMIT POWE		ED C623 AND C624 CA	PACITORS. NO HELI	P. REPLACED T604 T	CH AND SIDETONE. REPAI FRANSFORMER. REPAIRED STORTED.			
2562	54191	BOLKMS			NARCO	ELT	FAILED		4/16/98
HEEA	S804	BO105S				ELT910	COCKPIT		HEEA0013974
	ELT COMES ON IN	TERMITTENTLY.							
2562	6607K	BOLKMS			NARCO	ELT	FAILED		4/16/98
HEEA	S841	BO105S				ELT910	COCKPIT		HEEA0013954
	ELT WOULD NOT	GO OFF POSITION.							
3340	86CH	BOLKMS				POWER SUPPLY	FAILED		4/2/98
HEEA	S557	BO105S				A413AHDADF1428	STROBE		HEEA0013824
	STROBE LIGHT IN	OPERATIVE.							
3457	137AE	BOLKMS				GPS	FAILED		4/16/98
HEEA	S851	BO105S			GPS 150	0110005400	COCKPIT		HEEA0013943
	2 YEAR INSPECTION	ON DUE. PERFORMED I	PRELIMINARY INSPE	CTION. FOUND BAC	KUP BATTERY TO E	BE DEAD AND ALSO FOUNI	O PLASTIC ON SIDE OF U	NIT TO BE CE	RACKED.
6240	86CH	BOLKMS				RPM WARNING BOX	FAILED		4/2/98
HEEA	S557	BO105S				KDW021	ROTOR		HEEA0013823
	ROTOR LIGHTS IN	OPERATIVE.							
6240	86CH	BOLKMS				RPM WARNING BOX	MALFUNCTION		4/2/98
HEEA	S557	BO105S				KDW02	M/R		HEEA0013820
	AUDIO HORN BEE	PS LOW.							
6240	86CH	BOLKMS				INDICATOR	FAILED		4/2/98
HEEA	S557	BO105S				DL40438	ROTOR		HEEA0013731
	ROTOR NEEDLE R	EADS ABOUT 3% HIGH	HER THAN N2 NEEDL	ES.					
6710	5029Н	BOLKMS				BELLCRANK	CORRODED		4/16/98
HEEA	S670	BO105S				10541121	FLT CONT		HEEA0013947
	CORROSION AND	PITTING IN BEARING I	MOUNTING BORE. SO	CRAPPED AND REPLA	CED WITH SERVICE	EABLE PART.			
7250	131AE	BOLKMS	ALLSN			NOZZLE	CRACKED		1/13/98
HEEA	S787	BO105S	250C20B		6898735	23038218	NR 1		HEEA0012578
		O DUE TO OIL STARVA NZE FILLET AS MARKI		CTION OF TURBINE PA	ARTS NOTED: CRAC	CKED BEYOND SERVICEAB	LE LIMITS ON NR1 NOZZ	LE INNER BA	AND THROUGH
7923	8197X	BOLKMS				VALVE	STICKS		4/16/98
HEEA	S808	BO105S				209072433101	OIL SYS		HEEA0013971
	VALVE STICKS IN	TERMITTENTLY.							
						INDICATOR	EAH ED		4/17/00
7930	967MB	BOLKMS				INDICATOR	FAILED		4/16/98

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7930	3071K	BOLKMS				INDICATOR	FAILED		4/16/98
HEEA	S859	BO105S			174000103	174035201	ENG OIL		HEEA0013933
	INDICATOR WILL	NOT INDICATE. INDIC	CATOR WAS REMOVE	ED FROM BOWL ANI	O CLEANED. INSTAI	LED INDICATOR BACK O	N BOWL, TESTED AND IND	ICATOR STI	LL DIDN'T WORK.
2340	911RZ	BOLKMS				SWITCH	MALFUNCTION		4/2/98
HEEA	7092	BK117A4				ACS1278	COCKPIT		HEEA0013680
	ICS/PVT SWITCH	VIBRATES TO THE OFF	POSITION IN FLIGH	Γ.					
2422	911TL	BOLKMS				STATIC INVERTER	FAILED	109	4/2/98
HEEA	7198	BK117B1				SS120	AC SYS		HEEA0013744
	STATIC INVERTE	R INOPERATIVE.							
2435	136AE	BOLKMS				STATOR	DEFECTIVE		4/16/98
HEEA	7234	BK117B2			23032048	230321825	START/GEN		HEEA0013934
	STATOR DEFECTI	VE CAUSING VERY HIG	GH FIELD CURRENT	AND BRUSH LEADS	ARE TOO LONG.				
3340	217UC	BOLKMS				POWER SUPPLY	FAILED		4/2/98
HEEA	7152	BK117B1				1179203903	STROBE		HEEA0013828
	POWER SUPPLY I	NOPERATIVE.							
3414	401PH	BOLKMS				INDICATOR	INTERMITTENT		4/2/98
HEEA	7050	BK117A3				58023060	AIRSPEED		HEEA0013829
	AIRSPEED INDICA	ATOR LIGHTS INTERMI	TTENT.						
3440	132AE	BOLKMS				DISPLAY	FAILED		4/16/98
HEEA	7238	BK117B2			KP1553A	066304550	COCKPIT		HEEA0013953
	DIGITAL DISPLAY	' IS INOPERATIVE.							
3454	911RZ	BOLKMS				INDICATOR	FAILED		4/16/98
HEEA	7092	BK117A4			KPI552	066302440	COCKPIT		HEEA0013970
	COMPASS CARD F	PRECESSES AND SLOW	LOCALIZER.						
3457	911NC	BOLKMS				GPS	FAILED		4/16/98
HEEA	7026	BK117A3			SKYNAV 5000	0845000000	COCKPIT		HEEA0013931
	GPS NOT PICKING	UP SATELLITES.							
3457	911TL	BOLKMS				GPS	FAILED		4/3/98
HEEA	7198	BK117B1			SKYNAV 5000	0845000000	COCKPIT		HEEA0013838
	GPS INOPERATIVI	E. FOUND UNIT NOT P	ICKING UP ANY SIGN	NALS; ALSO ENT BU	TTON IS VERY INTER	RMITTENT.			
3425	102LU	HUGHES				INDICATOR	STICKS		1/6/98
HEEA	S1548	269C			KI525A	066304604	COCKPIT		HEEA0012527
	HSI CARD INTERN	MITTENTLY STICKS IN	SLAVE MODE.						
	1097J	HUGHES	ALLSN			GOVERNOR	MALFUNCTIONED		4/9/98
7323	109/J	110 01120							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7532	1097Ј	HUGHES	ALLSN			BLEED VALVE	FAILED		4/9/98
LS1R	900801D	369D	250C20B			2305317	ENGINE	1360	98ZZZX1618
		NOT MAKE POWER. PE RVICE. CNTRL NR 98-4		OUND ENGINE RUNN	ING WITH EXCESSI	VELY HIGH TOT. BLEED VA	LVE REPLACED, PERFO	RMANCE CH	ECK OK, ACFT
6320	184CH	KAWSKI				SEAL RING	UNBONDED		2/6/98
CHIR	4001	KV1072			A02D301112	A02D31731			CHI2043
	A PROBLEM IN TH		HAS REPAIRED THIS	BEFORE WITH 1442 E	3 1/2 IN THE FIELD A	SUSPECT POOR QUALITY A NND AT OVERHAUL. SUGGE			
2210	4253S	SKRSKY				AMPLIFIER	FAILED		1/6/98
HEEA	760035	S76A				7611113	YAW SLICE		HEEA0012520
	YAW SLICE AMP (CAUSING ACTUATOR T	O DEFLECT FULL RI	GHT.					
2312	22342	SKRSKY				TRANSCEIVER	FAILED		4/16/98
HEEA	760096	S76A				066106600	COCKPIT		HEEA0013936
	TRANSCEIVER WI IF/AGC BOARDS B		LINE. (DOES NOT TR.	ANSMIT OR RECEIVE	E) PERFORMED PRE	LIMINARY INSPECTION. TR	OUBLESHOT AND FOUN	ND VCO BUFF	FER, RVTTS, AND
2312	911MJ	SKRSKY				TRANSCEIVER	FAILED		4/16/98
HEEA	760231	S76A			RT 40	40001278500	COCKPIT		HEEA0013937
	NO TRANSMIT OR	RECEIVE (400 MHZ RT	INOPERATIVE ON F	M RADIO) FOUND K1	RELAY CORRODEI	D. SYNTHESIZER BOARD CA	USES NON-LINEAR POV	WER.	
2312	707AE	SKRSKY				CONTROL UNIT	FAILED		4/16/98
HEEA	760276	S76A			C10	4000106010	COCKPIT		HEEA0013948
						EPAIRED PROBLEM. ALSO I IEEL S1. REPAIRED PROBLE			
2421	1545X	SKRSKY				GENERATOR	WORN		4/16/98
HEEA	760050	S76A				7655009005105	AC SYS		HEEA0013941
	A/C GEN WORN A	ND DRY DRIVESHAFT	AND ROTOR SPLINES	S.					
2430	707AE	SKRSKY				EMERGENCY POWER	FAILED		1/6/98
HEEA	760276	S76A				6013211	DC SYS		HEEA0012533
	EMERGENCY POW	VER FAILED. LIGHTS D	O NOT COME ON. D	EFECTIVE CELLS.					
2436	1546G	SKRSKY				GENERATOR CONTRO	FAILED		4/16/98
HEEA	760076	S76A				7655009005104	DC SYS		HEEA0013939
	CAUSING A/C GEN	NERATOR TO KICK OFF	LINE.						
3150	31217	SKRSKY				CAUTION PANEL	FAILED		1/6/98
HEEA	760229	S76A				7655001001103	COCKPIT		HEEA0012519
	CAUTION PANEL	NO OUTPUT ON PIN "S'	ON TEST (LANDING	GEAR PANEL LIGHT	S WILL NOT PUSH	ΓΟ TEST)			
3340	1546K	SKRSKY				POWER SUPPLY	FAILED		1/6/98
HEEA	760082	S76A				A413AHDACF1428	STROBE		HEEA0012534
	POWER SUPPLY IN	NOPERATIVE.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3416	5128	SKRSKY				ENCODER	FAILED		4/16/98
HEEA	760181	S76A				066306401	COCKPIT		HEEA0013965
	ENCODER INDICA	TES OUT OF TOLERAN	ICE.						
3421	1547D	SKRSKY				VERTICAL GYRO	FAILED		1/6/98
HEEA	760077	S76A				7660002113103	COCKPIT		HEEA0012523
	VG CAUSES 10 RO	LL TO RIGHT.							
3421	22342	SKRSKY				VERTICAL GYRO	FAILED		1/6/98
HEEA	760096	S76A				7660002113103	COCKPIT		HEEA0012522
	COPILOT ATTITUI	DE INDICATOR PRECES	SSES.						
3421	22342	SKRSKY				VERTICAL GYRO	FAILED		4/16/98
HEEA	760096	S76A				7660002113103	COCKPIT		HEEA0013964
	NR1 ROLL KICKS.	VERT GYRO FAULTY							
3421	22342	SKRSKY				VERTICAL GYRO	FAILED		4/16/98
HEEA	760096	S76A				7660002113103	COCKPIT		HEEA0013957
	NR2 REEL PITCH O	CHATTERS.							
3434	1546G	SKRSKY				RECEIVER	FAILED		4/16/98
HEEA	760076	S76A			KMR 675	066104400	COCKPIT		HEEA0013935
						KER LIGHT TO BE INOPI AND R128 AND TRANS	ERATIVE. REPLACED TRA ISTOR Q103.NO HELP.	NSISTOR Q10	06. NO HELP. FOUND
6410	31217	SKRSKY				BLADE	SPLIT	12525	4/16/98
HEEA	760229	S76A				7610105101041	T/R		HEEA0013938
	T/R BLADE TRAIL	ING EDGE ON PADDLE	"A" SPLIT OPEN.						
7250	5128	SKRSKY	ALLSN			NOZZLE	CRACKED	615	1/13/98
HEEA	760181	S76A	250C30S		23035128	23055438	NR 2		HEEA0012579
	ENGINE REMOVEI	D DUE TO TURBINE CY	CLES. UPON INSPEC	CTION OF TURBINE P.	ARTS NOTED: CRACK	ED BEYOND SERVICEA	BLE LIMITS ON NR 2 NOZ	ZLE VANES A	AND KEY WELDS.
7314	792CH	SKRSKY				FUEL PUMP	WORN		4/16/98
HEEA	760193	S76A				3944001	ENGINE		HEEA0013942
	FUEL PUMP WORN	DRIVE SHAFT SPLINE	S AND GEAR SPLINE	ES.					
7712	1546K	SKRSKY				INDICATOR	FAILED		1/6/98
HEEA	760082	S76A				7645001078106	DUAL TORQUE		HEEA0012521
	DUAL TORQUE IN	DICATOR WILL NOT A	DJUST DOWN.						
2312	40466	SNIAS				TRANSCEIVER	FAILED		4/15/98
HEEA	3004	AS350B2				064105430	COCKPIT		HEEA0013920
		JT IN FLIGHT. "USE" D ED UNIT. ADJUSTED SI			DISPLAY INCORRECT	. REPLACED I901 I.C. CI	HIP - NO HELP. REPLACEI) I505 AND I5	06 I.C. CHIPS -
2930	60951	SNIAS				ELEMENT	DIRTY		1/13/98
HEEA	2771	AS350B2				806966	HYD SYS		HEEA0012573
	HYD FILTER ELEM	MENT NEEDS TO BE CL	EANED.						

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3340	60951	SNIAS				LIGHT	FAILED		1/9/98
HEEA	2771	AS350B2				356H2801	STROBE		HEEA0012556
	ANTI COLL LIGHT	INOPERATIVE.							
3340	60951	SNIAS				LIGHT	FAILED	677	4/13/98
HEEA	2771	AS350B2				356H2801	STROBE		HEEA0013886
	STROBE WILL NO	T FLASH.							
3340	60951	SNIAS				POWER SUPPLY	FAILED	149	4/13/98
HEEA	2771	AS350B2				356H2802	STROBE		HEEA0013887
	STROB WILL NOT	FLASH.							
3340	6097Z	SNIAS				BULB	FAILED	79	4/13/98
HEEA	2820	AS350B2				356H28	STROBE		HEEA0013885
	ONLY FLASHES A	BOUT ONE MINUTE, TI	HEN QUITS.						
3340	6097Z	SNIAS				BULB	FAILED	72	4/13/98
HEEA	2820	AS350B2				356H28	STROBE LIGHT		HEEA0013884
	BULB BURNT OUT	Γ.							
3421	4000L	SNIAS				INDICATOR	DEFECTIVE	321	4/16/98
HEEA	2873	AS350B2				5040017901	COCKPIT		HEEA0013929
	ATTITUDE INDICA	ATOR HAS LOOSE SCRI	EW INSIDE OF UNIT.						
5412	6097Z	SNIAS				FIREWALL	DETERIORATED	3859	4/13/98
HEEA	2820	AS350B2				350A58011113	ENGINE		HEEA0013890
	FIREWALL COMIN	NG APART.							
6220	60951	SNIAS				STARFLEX	WORN		1/13/98
HEEA	2771	AS350B2				117775P	M/R		HEEA0012575
	STARFLEX BALL	JOINT WORN TEFLON A	AND SEAL UNBONDE	D.					
6220	4000L	SNIAS				BALL JOINT	WORN		4/15/98
HEEA	2873	AS350B2				117775P	STARFLEX		HEEA0013919
	STARFLEX BALL	JOINT EFLON WORN.							
6230	4000L	SNIAS				MOUNT	DEFECTIVE	1551	4/13/98
HEEA	2873	AS350B2				350A58101921	M/R		HEEA0013893
	REMOVED AS SCI	SSOR ASSEMBLY.							
6230	4000L	SNIAS				LINK SCISSORS	DEFECTIVE	1551	4/13/98
HEEA	2873	AS350B2				350A37112701	M/R		HEEA0013892
	REMOVED AS SCI	SSOR ASSEMBLY.							
6330	4000L	SNIAS				MEMBER	WORN	1579	4/13/98
HEEA	2873	AS350B2				579065H	TRANSMISSION		HEEA0013891
	RUBBER WORN. I	REPLACEMENT TAKEN	FROM CONSIGNMEN	T KIT. S					

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6420	40466	SNIAS				ROD	WORN	92	1/13/98
HEEA	3004	AS350B2				350A33214501	PITCH CONT		HEEA0012574
	PITCH CONTROL I	ROD BEARING HAS WE	AR.						
6720	60951	SNIAS				ROD	WORN	171	4/15/98
HEEA	2771	AS350B2				350A33214501	PITCH CONTROL		HEEA0013917
	PITCH CONTROL	ROD BEARINGS WORN							
6720	6097Z	SNIAS				ROD	WORN	101	4/15/98
HEEA	2820	AS350B2				350A33214501	PITCH CONTROL		HEEA0013918
	PITCH CONTROL '	WEAR INSIDE ID OF RU	BBER BUSHING.						
6720	6097Z	SNIAS				ROD	WORN	169	4/15/98
HEEA	2820	AS350B2				350A33214501	PITCH CONTROL		HEEA0013915
	PITCH CONTROL	ROD BEARING WORN.							
6720	6100R	SNIAS				ROD	WORN	281	4/15/98
HEEA	2862	AS350B2				350A33214501	T/R		HEEA0013916
	PITCH CONTROL I	ROD AXIAL WEAR, SPE	IERICAL BEARINGS.						
6730	4000L	SNIAS				SERVO	LEAKING	1551	4/13/98
HEEA	2873	AS350B2				AC67246	M/R		HEEA0013895
	FRONT SERVO CC	NTROL LEAKING.							
7160	4000L	SNIAS				INTAKE	CRACKED	1551	4/13/98
HEEA	2873	AS350B2				350A54108004	ENG AIR		HEEA0013894
	ENG AIR INTAKE	CRACKED.							
7714	350BZ	SNIAS				INDICATOR	FAILED		4/13/98
HEEA	2653	AS350B2				56337078012	ENGINE		HEEA0013889
	SOME OF THE LIG	HTS DO NOT LIGHT U	P. REPLACEMENT PA	ART S/N 453 TAKEN F	ROM CONSIGNMEN	TT KIT.			
7933	60951	SNIAS				TEMP PROBE	FAILED		4/15/98
HEEA	2771	AS350B2				646600251	OIL TEMP		HEEA0013913
	TEMP PROBE FAII	LED. GAUGE READING	ERRATIC.						
7933	60951	SNIAS				TEMP PROBE	BROKEN	105	4/13/98
HEEA	2771	AS350B2				646600251	OIL SYS		HEEA0013888
	TEMP PROBE BRO	OKEN.							
End of DO	MESTIC SERVICE	DIFFICULTY REPOR	T SUMMARY - HE	LICOPTERS)					

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7250	22718	BELL	ALLSN			NOZZLE	DEFECTIVE		4/16/98
HEEA	3618	206B3	250C20B		6898735	6851531	NR 4		HEEA0013972
	RECEIVED NR4 N	OZZLE AND ATTEMPTI	ED TO MACHINE TIP	PATHS. NOTED: CO	ATING LIFTING AN	ID FLAKING DURING MAC	HINING.		
7322	206BX	BELL	ALLSN			FUEL CONTROL	DEFECTIVE		4/9/98
LS1R	2872	206B	250C20B			23056936	ENGINE	1730	98ZZZX1620
	FUEL CONTROL E	BEARING - BLUE GREAS	SE WASHED OUT. SE	ENT FOR REPAIR. CN	TRL NR 98-4-7.				
7320		BELL				FUEL CONTROL	FAILED		4/16/98
HEEA		412				324473513	ENGINE		HEEA0013973
	AFCU BROKEN. FO	OUND PX-PY ADAPTER	BROKEN. REPLACE	ED WITH SERVICEABI	LE PART.				
7250	131AE	BOLKMS	ALLSN			NOZZLE	CRACKED		1/13/98
HEEA	S787	BO105S	250C20B		6898735	23038218	NR 1		HEEA0012578
		D DUE TO OIL STARVA ONZE FILLET AS MARKI		CTION OF TURBINE P	ARTS NOTED: CRA	ACKED BEYOND SERVICE	ABLE LIMITS ON NR1 NOZZL	E INNER BA	AND THROUGH
7322	91QS	CESSNA	LYC			CARBURETOR	DEFECTIVE		2/16/98
	17268167	172N	O360A4M			MA4SPA	THROTTLE ARM		98ZZZX972
****	INSPECTION OF THE CARBURETOR DETERMINED THE THROTTLE ARM BECAME LOOSE ON THE SHAFT. THIS CONDITION RESULTED IN LOSS OF CONTROL OF ENGINE RPM. THE NUT AND COTTER PIN WERE INTACT. SUSPECT THE ORIGINAL INSTALLATION WAS NOT PROPERLY INSTALLED AND TORQUED ALLOWING THE ARM TO BECOME LOOSE. IT IS SUGGESTIF THAT CORRECT INSTALLATION AND TORQUE WOULD PREVENT THIS CONDITION.								
8550	5772R	CESSNA	CONT			PISTON	MISMANUFACTURED		1/28/98
GJ1R	17253387	172F	O300D			07560201	OIL FILTER ADAPT		98ZZZX777
						ROUGH THE CIRCUMFERE ADE ACCORDING TO PRIN	NCE. NO OIL IS ALLOWED Τ Γ.	TO THE FILT	TER ELEMENT.
8520	87147	CESSNA	CONT			BUSHING	FAILED		1/17/97
OVEA	402B1003	402B	TSIO520E			639193	CRANKSHAFT		97ZZZM670
	BORE. THE COUN	NTERWEIGHT PIN BROI	KE THOUGH THE PLA	ATE AND SNAP RING	AND THEN ESCAP		CKED AND BROKE UP AFTER EIGHT. ALL DAMAGE TO T ECTING ROD BOLTS. (M)		
8530	6875D	CESSNA	CONT			VALVE SPRING	BROKEN	1100	2/10/98
HYIA	402C0511	402C	TSIO520UB			631521	ENGINE INTAKE		98ZZZX989
	RIGHT ENGINE RU	UNNING ROUGH. FOUN	ID 8 OF 12 VALVE SF	PRINGS BROKEN. REI	MOVED AND REPL	ACED ALL VALVE SPRING	S.		
8530	6875D	CESSNA	CONT			VALVE SPRING	BROKEN	1100	2/10/98
HYIA	402C0511	402C	TSIO520UB			637837	ENGINE EXHAUST		98ZZZX988
	RIGHT ENGINE RU	UNNING ROUGH. FOUN	ND 8 OF 12 VALVE SE	PRINGS BROKEN. REI	MOVED AND REPL	ACED ALL VALVE SPRING	S.		
8530	88604	CESSNA	CONT			BOLT	FAILED	1500	2/10/98
	421C0604	421C	GTSIO520L		654654A1	537750	NR 5 CYL ROCKER		98ZZZX990
		OIL LEAKING FROM R MBLY. NEW BOLTS INS			LINDER ROCKER C	OVER. HEAD OF BOLT BR	OKE OFF THAT ATTACHES F	ROCKER AR	RM AND SHAFT TO

DOMESTIC SERVICE	E DIFFICULTY REPORT	SUMMARY	- ENGINES (cont'd)

4/26/98 To 5/2/98 ISSUE: 98-18 ZAC-327

7532 1097J LS1R 90080 ENGIN RETUF 8520 TGWC 61P06 PILOT AND S CRANI 7414 40259 27730: ENGIN WAS C BEFOR 8510 4149Y 28431: ***** DURIN FURTH FOR A	JOVERNOR WAS S J 01D NE WOULD NOT JRNED TO SERVE 7OW 168379633 T (OWNER) DEPA SAFE LANDING NKCASE, RODS, 6 9 05069 NE HAD 200 RPM OPENED, FOUNI	369D SURGING BELOW LIM HUGHES 369D MAKE POWER. PERF ICE. CNTRL NR 98-4-6. PIPER PA60601P ARTING FROM AIRPOF MADE. DISASSEMBLY CAMSHAFT AND CLYI PIPER PA23250 M DROP ON LEFT MAG	ALLSN 250C20B ORMANCE RUN FOUL LYC IO540S1A5 RT AND CLIMBING TI Y OF ENGINE REVEAL NDERS ALL NOW N.C LYC IO540C4B5 NETO. CHECKED MA	ND ENGINE RUNNI HROUGH 4,000 FEE' LED CRANKSHAFT G.	NG WITH EXCESSIVE TO NOTED LOUD BAIL BROKEN. BREAK O	CRANKSHAFT LW10842 NG AND SEVERE VIBRATI	FAILED ENGINE ALVE REPLACED, PERFORM FAILED NR 2 JOURNAL ON FROM LT ENGINE. ENG CHEEK OF THE NR 2 ROD JO FAILED ENG LT MAG	882 8 INE SHUT I DURNAL IN	1/24/98 98ZZZX773 DOWN AND SECURED	
7532 1097J LS1R 90080 ENGIN RETUR 8520 TGWC 61P06 PILOT AND S CRANI 7414 40259 27730: ENGIN WAS C BEFOR 8510 4149Y 28431: ***** DURIN FURTH FOR A AND L 8520 56WB	OVERNOR WAS S J 01D NE WOULD NOT JRNED TO SERVE 7OW 168379633 T (OWNER) DEPA SAFE LANDING NKCASE, RODS, 0 9 05069 INE HAD 200 RPM OPENED, FOUNI	SURGING BELOW LIM HUGHES 369D MAKE POWER. PERF ICE. CNTRL NR 98-4-6. PIPER PA60601P ARTING FROM AIRPOF MADE. DISASSEMBLY CAMSHAFT AND CLYI PIPER PA23250 M DROP ON LEFT MAG	ITS. PT GOVERNOR I ALLSN 250C20B ORMANCE RUN FOUL LYC IO540S1A5 RT AND CLIMBING TI Y OF ENGINE REVEAI NDERS ALL NOW N.C LYC IO540C4B5 NETO. CHECKED MA	ND ENGINE RUNNI HROUGH 4,000 FEE' LED CRANKSHAFT G.	NG WITH EXCESSIVE TO NOTED LOUD BAIL BROKEN. BREAK O	T RETURNED TO SERVICE BLEED VALVE 2305317 VELY HIGH TOT. BLEED V CRANKSHAFT LW10842 NG AND SEVERE VIBRATI DCCURRED AT THE REAR MAGNETO 1016301010	FAILED ENGINE FAILED FAILED FAILED NR 2 JOURNAL ON FROM LT ENGINE. ENG CHEEK OF THE NR 2 ROD JO FAILED ENG LT MAG	1360 MANCE CHI 882 8 INE SHUT I DURNAL IN	4/9/98 98ZZZX1618 ECK OK, ACFT 1/24/98 98ZZZX773 DOWN AND SECURED THE RADII. 2/19/98	
7532 1097J LS1R 90080 ENGIN RETUF 8520 TGWC 61P06 PILOT AND S CRANI 7414 40259 27730: ENGIN WAS C BEFOR 8510 4149Y 28431: ***** DURIN FURTH FOR A AND L 8520 56WB	J 01D NE WOULD NOT JRNED TO SERV 7OW 168379633 T (OWNER) DEPA SAFE LANDING NKCASE, RODS, 6 9 05069 NE HAD 200 RPM OPENED, FOUNI	HUGHES 369D MAKE POWER. PERFICE. CNTRL NR 98-4-6. PIPER PA60601P ARTING FROM AIRPORMADE. DISASSEMBLY CAMSHAFT AND CLYI PIPER PA23250 M DROP ON LEFT MAG	ALLSN 250C20B ORMANCE RUN FOUL LYC IO540S1A5 RT AND CLIMBING TI Y OF ENGINE REVEAL NDERS ALL NOW N.C LYC IO540C4B5 NETO. CHECKED MA	ND ENGINE RUNNI HROUGH 4,000 FEE' LED CRANKSHAFT G.	NG WITH EXCESSIVE TO NOTED LOUD BAIL BROKEN. BREAK O	BLEED VALVE 2305317 VELY HIGH TOT. BLEED V CRANKSHAFT LW10842 NG AND SEVERE VIBRATI DCCURRED AT THE REAR MAGNETO 1016301010	FAILED ENGINE ALVE REPLACED, PERFORM FAILED NR 2 JOURNAL ON FROM LT ENGINE. ENG CHEEK OF THE NR 2 ROD JO FAILED ENG LT MAG	882 8 8 INE SHUT I BURNAL IN	98ZZZX1618 ECK OK, ACFT 1/24/98 98ZZZX773 DOWN AND SECURED THE RADII. 2/19/98	
LS1R 90080 ENGIN RETUE 8520 TGWC 61P06 PILOT AND S CRANI 7414 40259 27730: ENGIN WAS C BEFOR 8510 4149Y 28431: ***** DURIN FURTH FOR A AND L 8520 56WB	OID NE WOULD NOT JRNED TO SERV OW 168379633 T (OWNER) DEPA SAFE LANDING NKCASE, RODS, 6 9 05069 NE HAD 200 RPM OPENED, FOUNI	369D MAKE POWER. PERFICE. CNTRL NR 98-4-6. PIPER PA60601P ARTING FROM AIRPOFMADE. DISASSEMBLY CAMSHAFT AND CLYI PIPER PA23250 M DROP ON LEFT MAG	250C20B ORMANCE RUN FOUL LYC IO540S1A5 RT AND CLIMBING TI Y OF ENGINE REVEAL NDERS ALL NOW N.C LYC IO540C4B5 NETO. CHECKED MA	HROUGH 4,000 FEE' LED CRANKSHAFT G. AG TO ENGINE TIM	T NOTED LOUD BAI BROKEN. BREAK (ING, AND COULD N	2305317 VELY HIGH TOT. BLEED V CRANKSHAFT LW10842 NG AND SEVERE VIBRATI DCCURRED AT THE REAR MAGNETO 1016301010	ENGINE ALVE REPLACED, PERFORM FAILED NR 2 JOURNAL ON FROM LT ENGINE. ENGINEEK OF THE NR 2 ROD JO FAILED ENG LT MAG	882 8 8 INE SHUT I BURNAL IN	98ZZZX1618 ECK OK, ACFT 1/24/98 98ZZZX773 DOWN AND SECURED THE RADII. 2/19/98	
ENGIN RETURE 8520 TGWC 61P06 PILOT AND S CRANI 7414 40259 27730: ENGIN WAS C BEFOR 8510 4149Y 28431: ***** DURIN FURTH FOR A AND L 8520 56WB	NE WOULD NOT JRNED TO SERVE /OW 168379633 T (OWNER) DEPA SAFE LANDING NKCASE, RODS, 0 9 05069 NE HAD 200 RPM OPENED, FOUNI	MAKE POWER. PERFICE. CNTRL NR 98-4-6. PIPER PA60601P ARTING FROM AIRPORMADE. DISASSEMBLY CAMSHAFT AND CLYI PIPER PA23250 M DROP ON LEFT MAG	ORMANCE RUN FOUL LYC IO540S1A5 RT AND CLIMBING TI Y OF ENGINE REVEAI NDERS ALL NOW N.C LYC IO540C4B5 NETO. CHECKED MA	HROUGH 4,000 FEE' LED CRANKSHAFT G. AG TO ENGINE TIM	T NOTED LOUD BAI BROKEN. BREAK (ING, AND COULD N	CRANKSHAFT LW10842 NG AND SEVERE VIBRATI DCCURRED AT THE REAR MAGNETO 1016301010	FAILED NR 2 JOURNAL ON FROM LT ENGINE. ENGICHEEK OF THE NR 2 ROD JO FAILED ENG LT MAG	882 8 8 INE SHUT I BURNAL IN	1/24/98 98ZZZX773 DOWN AND SECURED THE RADII. 2/19/98	
RETUE 8520 TGWC 61P06 PILOT AND S CRANI 7414 40259 27730: ENGIN WAS C BEFOR 8510 4149Y 28431: ***** DURITH FOR A AND L 8520 56WB	JRNED TO SERVI JOW 168379633 T (OWNER) DEPA SAFE LANDING NKCASE, RODS, 6 9 05069 INE HAD 200 RPM OPENED, FOUNI	PIPER PA60601P ARTING FROM AIRPOR MADE. DISASSEMBLY CAMSHAFT AND CLYI PIPER PA23250 M DROP ON LEFT MAG	LYC IO540S1A5 RT AND CLIMBING TI Y OF ENGINE REVEAL NDERS ALL NOW N.C LYC IO540C4B5 NETO. CHECKED MA	HROUGH 4,000 FEE' LED CRANKSHAFT G. AG TO ENGINE TIM	T NOTED LOUD BAI BROKEN. BREAK (ING, AND COULD N	CRANKSHAFT LW10842 NG AND SEVERE VIBRATI DCCURRED AT THE REAR MAGNETO 1016301010	FAILED NR 2 JOURNAL ON FROM LT ENGINE. ENG CHEEK OF THE NR 2 ROD JO FAILED ENG LT MAG	882 8 INE SHUT I DURNAL IN	1/24/98 98ZZZX773 DOWN AND SECURED THE RADII. 2/19/98	
61P06 PILOT AND S CRANI 7414 40259 27730: ENGIN WAS C BEFOR 8510 4149Y 28431: ***** DURIN FURTH FOR A AND L 8520 56WB	168379633 T (OWNER) DEPASAFE LANDING NKCASE, RODS, 0 9 05069 NE HAD 200 RPN OPENED, FOUNI	PA60601P ARTING FROM AIRPOR MADE. DISASSEMBLY CAMSHAFT AND CLYI PIPER PA23250 I DROP ON LEFT MAG	IO540S1A5 RT AND CLIMBING TI Y OF ENGINE REVEAL NDERS ALL NOW N.C LYC IO540C4B5 NETO. CHECKED MA	LED CRANKSHAFT G. AG TO ENGINE TIM	BROKEN. BREAK (LW10842 NG AND SEVERE VIBRATI DCCURRED AT THE REAR MAGNETO 1016301010	NR 2 JOURNAL ON FROM LT ENGINE. ENGINE CHEEK OF THE NR 2 ROD JO FAILED ENG LT MAG	8 INE SHUT I DURNAL IN 94	98ZZZX773 DOWN AND SECURED THE RADII. 2/19/98	
PILOT AND S CRANI 7414 40259 27730: ENGIN WAS C BEFOR 8510 4149Y 28431: ***** DURIN FURTH FOR A AND L 8520 56WB	T (OWNER) DEPA SAFE LANDING NKCASE, RODS, 6 9 05069 NE HAD 200 RPM OPENED, FOUNI	ARTING FROM AIRPOR MADE. DISASSEMBLY CAMSHAFT AND CLYI PIPER PA23250 I DROP ON LEFT MAG	RT AND CLIMBING TI Y OF ENGINE REVEAL NDERS ALL NOW N.C LYC IO540C4B5 NETO. CHECKED MA	LED CRANKSHAFT G. AG TO ENGINE TIM	BROKEN. BREAK (NG AND SEVERE VIBRATI OCCURRED AT THE REAR MAGNETO 1016301010	ON FROM LT ENGINE. ENG CHEEK OF THE NR 2 ROD JO FAILED ENG LT MAG	INE SHUT I DURNAL IN 94	DOWN AND SECURED THE RADII. 2/19/98	
AND S CRANI 7414 40259 27730: ENGIN WAS C BEFOR 8510 4149Y 28431: ***** DURIN FURTH FOR A AND L 8520 56WB	SAFE LANDING NKCASE, RODS, 6 9 05069 NE HAD 200 RPM OPENED, FOUNI	MADE. DISASSEMBLY CAMSHAFT AND CLYI PIPER PA23250 I DROP ON LEFT MAG	Y OF ENGINE REVEAI NDERS ALL NOW N.C LYC IO540C4B5 NETO. CHECKED MA	LED CRANKSHAFT G. AG TO ENGINE TIM	BROKEN. BREAK (MAGNETO 1016301010	CHEEK OF THE NR 2 ROD JO FAILED ENG LT MAG	OURNAL IN 94	THE RADII. 2/19/98	
27730: ENGIN WAS C BEFOR 8510 4149Y 28431: ***** DURIN FURTH FOR A AND L 8520 56WB	05069 NE HAD 200 RPN OPENED, FOUNI	PA23250 II DROP ON LEFT MAG	IO540C4B5 NETO. CHECKED MA		*	1016301010	ENG LT MAG			
ENGIN WAS C BEFOR 8510 4149Y 28431: ***** DURIN FURTH FOR A AND L 8520 56WB	NE HAD 200 RPM OPENED, FOUNI	M DROP ON LEFT MAG	NETO. CHECKED MA		*				98ZZZX957	
WAS C BEFOR 8510 4149Y 28431' ***** DURIN FURTH FOR A AND L 8520 56WB	OPENED, FOUNI				*	OT GET MAG TIMED TO F	NGINE REMOVED MAGEO			
284317 ***** DURIN FURTH FOR A AND L 8520 56WB					VAS A NEW/REBUIL		FINENTAL INSTALLED ON T			
***** DURIN FURTH FOR A AND L 8520 56WB	Y	PIPER	LYC			RING GEAR	WRONG PART	43	4/14/98	
FURTH FOR A AND L 8520 56WB	128	PA28181	O360A4M			LW10551	STARTER		98ZZZX1626	
	DURING ROUTINE INSPECTION, MECHANIC NOTICED THERE WAS ABNORMAL AMOUNT OF WEAR ON THE STARTER RING GEAR FOR ONLY HAVING 43 HOURS TT ON THE PART. UPON FURTHER INSPECTION, FOUND THE WRONG P/N RING GEAR INSTALLED. THE CORRECT RING GEAR IS P/N 72566 WHICH IS FOR A RT ROTATING ENGINE. THE P/N LW-10551 RING GEAR IS FOR A LT ROTATING ENGINE. THIS IS EVIDENCED WHILE SITTING IN THE PILOT SEAT, THE RING GEAR BEVEL (CHAMFER SIDE) SHOULD BE ON THE RIGHT SIDE FOR RT ROTATION, AND LEFT SIDE FOR LT ROTATION. ALTHOUGH THERE WERE WEAR MARKS. SYSTEM OPERATIONS WERE NORMAL.									
284470	В	PIPER	LYC			CRANKSHAFT	CRACKED		2/10/98	
	70	PA28180	O360A3A			77037	NR 5 JOURNAL	9	98ZZZX776	
	CRANKSHAFT WAS FOUND CRACKED AFTER PRECAUTIONARY REMOVAL FOLLOWING RECENT ENGINE OVERHALL (8.8 HRS). CRANKSHAFT WAS PROCESSED BY REPAIR AGENCY PRIOR TO INSTALLATION. SUSPECT PART MAY HAV BEEN IMPROPERLY MACHINED. CRACK WAS AT NR 5 JOURNAL RADIUS APPROX 2.50 INCHES IN LENGTH.									
8520 15008	8	PIPER	LYC			CRANKSHAFT	CRACKED		2/10/98	
347250	50346	PA34200	LIO360C1E6			LW17577	JOURNAL RADII	220	98ZZZX775	
PART	WAS REMOVED	FOR MPI AS A PRECA	UTION. THIS CRANE	KSHAFT WAS RE-W	ORKED BY AIR AG	ENCY AND WAS FOUND T	O HAVE CRACKS IN THE JOI	URNAL RA	DII.	
7250 5128		SKRSKY	ALLSN			NOZZLE	CRACKED	615	1/13/98	
HEEA 76018	81	S76A	250C30S		23035128	23055438	NR 2		HEEA0012579	
ENGIN	NE REMOVED D	UE TO TURBINE CYCL	LES. UPON INSPECTION	ON OF TURBINE PA	RTS NOTED: CRAC	CKED BEYOND SERVICEAL	BLE LIMITS ON NR 2 NOZZL	E VANES A	ND KEY WELDS.	
7314 792CH		SKRSKY				FUEL PUMP	WORN		4/16/98	
HEEA 760193		S76A				3944001	ENGINE		HEEA0013942	
FUEL I			AND GEAR SPLINES.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2211	789DS	BEECH				COMPUTER	FAILED		4/16/98
HEEA	BB478	200BEECH				4008519916	AUTO FLIGHT		HEEA0013966
	VERTICAL ATITU	DE FUNCTION INOPERA	ATIVE.						
2312	104PH	BELL				TRANSCEIVER	FAILED		4/16/98
HEEA	3622	206B3			KX155	069102405	COCKPIT		HEEA0013922
	RADIO POWERS O DISPLAY BOARD.	OFF BY ITSELF. (NO DIS	SPLAY) VERIFIED CO	MPLAINT. PERFORM	IED PRELIMINARY	INSPECTION AND FOUND	UNIT TO HAVE NO DISPL	AY DUE TO B	URNT SPOT ON
2562	5742N	BELL			NARCO	ELT	FAILED		4/16/98
HEEA	45477	206L1				ELT910	COCKPIT		HEEA0013956
	ELT WILL NOT TU	JRN OFF.							
3421	1072T	BELL				INDICATOR	FAILED		4/16/98
HEEA	45385	206L1				2360041902	COCKPIT		HEEA0013969
	INDICATOR ROTO	OR BEARINGS FROZEN.							
3421	1078C	BELL				INDICATOR	FAILED		4/16/98
HEEA	45392	206L1				2360041902	COCKPIT		HEEA0013967
	ATTITUDE INDICA	ATOR HAS BAD BEARIN	NGS.						
3421	2250U	BELL				INDICATOR	FAILED		4/16/98
HEEA	45754	206L1				2360041902	COCKPIT		HEEA0013968
	ATTITUDE INDICA	ATOR HAS BAD BEARIN	NGS.						
3452	2249Z	BELL				TRANSCEIVER	FAILED		4/16/98
HEEA	45753	206L1			KT76	066106200	COCKPIT		HEEA0013921
	PULSE WIDTH OU	T OF SPECS. UNABLE T	O CHANGE PULSE W	/IDTH DUE IT BEING	A SURFACE MOUN	Γ COMPONENT.			
2312	5736Ј	BELL				TRANSCEIVER	FAILED		4/16/98
HEEA	31140	212				7001840903	COCKPIT	LAY DUE TO I	HEEA0013949
	TRANSCEIVER DI	SPLAY 50,250,400 AND	1200 LED'S GO OUT.						
3416	1167G	BELL				INDICATOR	FAILED		4/15/98
HEEA	53067	407				214175278101	COCKPIT		HEEA0013914
	ENCODER TRANS	PONDER READS 200 FE	EET OFF.						
2200	2258F	BELL				TARSYN 333	FAILED		1/6/98
HEEA	33073	412				2593996333	AUTO FLIGHT		HEEA0012525
	FAILED TEST 3.1 (ON SST BENCH.							
2210	107X	BELL				TARSYN	NOISY		4/16/98
HEEA	33113	412				2593996333	COCKPIT		HEEA0013959
	TARSYN NOISY B	EARING.							
2210	2149S	BELL				COMPUTER	FAILED		4/2/98
HEEA	36002	412				7000298901	AFCS		HEEA0013706
		AND 9.4 ON SST PITCH.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2210	33008	BELL				AUTOPILOT CONTRO	DEFECTIVE		1/6/98
HEEA	36004	412				7000299901	COCKPIT		HEEA0012541
	AUTOPILOT CONT	TROL HP1 AND HP2 LIG	HTS ARE TOO DIM V	VHEN INSTRUMENT	LIGHTS ARE DIMME	ED.			
2211	5759N	BELL				COMPUTER	FAILED		1/6/98
HEEA	33002	412				4025008918	AFCS		HEEA0012542
	AFCS COMPUTER	FAILED TEST 8.3 ON SS	ST BENCH TWICE.						
2562	107X	BELL			NARCO	ELT	FAILED		4/16/98
HEEA	33113	412				ELT910	COCKPIT		HEEA0013955
	ELT INOPERATIVE	Ξ.							
3120	22608	BELL				DIGITAL CLOCK	FAILED		4/16/98
HEEA	ELT INOPERATIVE. 22608 BI ELA 33075 41 CLOCK GOES OFF AND 3893N BI ELA 33010 41 GYRO BLEW CIRCUIT E 3893P BI ELA 33012 41 3 AXIS GYRO INDICATO 4 3911L BI	412				M811B	COCKPIT		HEEA0013951
	CLOCK GOES OFF	AND ON.							
3420	3893N	BELL				GYRO	FAILED		1/6/98
HEEA	33010	412				4020936903	3 AXIS IND		HEEA0012526
	GYRO BLEW CIRC	CUIT BREAKER ON SST.							
420	3893P	BELL				GYRO	FAILED		1/6/98
HEEA	33012	412				4020936903	3 AXIS INDICATOR		HEEA0012539
	3 AXIS GYRO INDI	ICATOR CAUSES KICKS	S IN PITCH AND ROL	L IN AIRCRAFT.					
3424	3911L	BELL				RATE GYRO	FAILED		4/16/98
HEEA	33023	412				214075244001	COCKPIT		HEEA0013950
	RATE GYRO TURN	N NEEDLE STICKS.							
3457	2148K	BELL				GPS	DEFECTIVE		4/16/98
HEEA	36001	412			GPS165	0110010600	COCKPIT		HEEA0013927
	SEVERAL LED INC	OPERATIVE, LOWER DI	SPLAY. PERFORMED	PRELIMINARY INSP	ECTION. FOUND UN	NIT DISPLAYING STRANGE	CHARACTERS, AND WILL	NOT LOCK	ON.
2312	81832	BOLKMS				TRANSCEIVER	FAILED		4/16/98
HEEA 2211 HEEA 2562 HEEA 3120 HEEA 3420 HEEA 3420 HEEA 3424 HEEA 2312 HEEA 2562 HEEA 2562 HEEA	S828	BO105S			KY196	064101902	COCKPIT		HEEA0013930
	TRANSMIT POWE		D C623 AND C624 CA	PACITORS. NO HELI	P. REPLACED T604 T	CH AND SIDETONE. REPAI RANSFORMER. REPAIRED STORTED.			
2562	54191	BOLKMS			NARCO	ELT	FAILED		4/16/98
HEEA	S804	BO105S				ELT910	COCKPIT		HEEA0013974
	ELT COMES ON IN	TERMITTENTLY.							
2562	6607K	BOLKMS			NARCO	ELT	FAILED		4/16/98
	S841	BO105S				ELT910	COCKPIT		HEEA0013954
HEEA									
HEEA	ELT WOULD NOT	GO OFF POSITION.							
	ELT WOULD NOT 137AE	BOLKMS				GPS	FAILED		4/16/98

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2340	911RZ	BOLKMS				SWITCH	MALFUNCTION		4/2/98
HEEA	7092	BK117A4				ACS1278	COCKPIT		HEEA0013680
	ICS/PVT SWITCH V	VIBRATES TO THE OFF	POSITION IN FLIGHT	Γ.					
3414	401PH	BOLKMS				INDICATOR	INTERMITTENT		4/2/98
HEEA	7050	BK117A3				58023060	AIRSPEED		HEEA0013829
	AIRSPEED INDICA	TOR LIGHTS INTERMI	TTENT.						
3440	132AE	BOLKMS				DISPLAY	FAILED		4/16/98
HEEA	7238	BK117B2			KP1553A	066304550	COCKPIT		HEEA0013953
	DIGITAL DISPLAY	IS INOPERATIVE.							
3454	911RZ	BOLKMS				INDICATOR	FAILED		4/16/98
HEEA	7092	BK117A4			KPI552	066302440	COCKPIT		HEEA0013970
	COMPASS CARD P	RECESSES AND SLOW	LOCALIZER.						
3457	911NC	BOLKMS				GPS	FAILED		4/16/98
HEEA	7026	BK117A3			SKYNAV 5000	0845000000	COCKPIT		HEEA0013931
	GPS NOT PICKING	UP SATELLITES.							
3457	911TL	BOLKMS				GPS	FAILED		4/3/98
HEEA	7198	BK117B1			SKYNAV 5000	0845000000	COCKPIT		HEEA0013838
	GPS INOPERATIVE	E. FOUND UNIT NOT P	ICKING UP ANY SIGN	IALS; ALSO ENT BUT	TON IS VERY INTE	RMITTENT.			
3424	3284M	CESSNA				GYRO	FAILED		10/2/97
	310R1892	310R				1394T1007Z	TURN COORDINATOR		98ZZZX960
						WHILE FLYING, HOWEVE E GYRO STOPS SPINNING.	ER, THE INOP FLAG WAS NOT	PULLED	TO THE OFF POSITION.
3425	102LU	HUGHES				INDICATOR	STICKS		1/6/98
HEEA	S1548	269C			KI525A	066304604	COCKPIT		HEEA0012527
	HSI CARD INTERM	MITTENTLY STICKS IN	SLAVE MODE.						
2210	4253S	SKRSKY				AMPLIFIER	FAILED		1/6/98
HEEA	760035	S76A				7611113	YAW SLICE		HEEA0012520
	YAW SLICE AMP (CAUSING ACTUATOR T	O DEFLECT FULL RI	GHT.					
2312	22342	SKRSKY				TRANSCEIVER	FAILED		4/16/98
HEEA	760096	S76A				066106600	COCKPIT		HEEA0013936
	TRANSCEIVER WI IF/AGC BOARDS B		LINE. (DOES NOT TR	ANSMIT OR RECEIVE	E) PERFORMED PRE	LIMINARY INSPECTION.	FROUBLESHOT AND FOUND V	CO BUFF	FER, RVTTS, AND
2312	911MJ	SKRSKY				TRANSCEIVER	FAILED		4/16/98
HEEA	760231	S76A			RT 40	40001278500	COCKPIT		HEEA0013937
	NO TRANSMIT OR	RECEIVE (400 MHZ RT	INOPERATIVE ON F	M RADIO) FOUND K1	RELAY CORRODEI	D. SYNTHESIZER BOARD	CAUSES NON-LINEAR POWER	•	
2312	707AE	SKRSKY				CONTROL UNIT	FAILED		4/16/98
HEEA	760276	S76A			C10	4000106010	COCKPIT		HEEA0013948
							O FOUND THUMBWHEEL INTI LEM. TOUCHED UP FACEPLA'		

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3416	5128	SKRSKY				ENCODER	FAILED		4/16/98
HEEA	760181	S76A				066306401	COCKPIT		HEEA0013965
	ENCODER INDICA	TES OUT OF TOLERAN	ICE.						
3421	1547D	SKRSKY				VERTICAL GYRO	FAILED		1/6/98
HEEA	760077	S76A				7660002113103	COCKPIT		HEEA0012523
	VG CAUSES 10 RO	LL TO RIGHT.							
3421	22342	SKRSKY				VERTICAL GYRO	FAILED		1/6/98
HEEA	760096	S76A				7660002113103	COCKPIT		HEEA0012522
	COPILOT ATTITUI	DE INDICATOR PRECES	SSES.						
3421	22342	SKRSKY				VERTICAL GYRO	FAILED		4/16/98
HEEA	760096	S76A				7660002113103	COCKPIT		HEEA0013964
	NR1 ROLL KICKS.	VERT GYRO FAULTY							
3421	22342	SKRSKY				VERTICAL GYRO	FAILED		4/16/98
HEEA	760096	S76A				7660002113103	COCKPIT		HEEA0013957
	NR2 REEL PITCH (CHATTERS.							
3434	1546G	SKRSKY				RECEIVER	FAILED		4/16/98
HEEA	760076	S76A			KMR 675	066104400	COCKPIT		HEEA0013935
						RKER LIGHT TO BE INOPI 22, AND R128 AND TRANS		ANSISTOR Q10	06. NO HELP. FOUND
2312	40466	SNIAS				TRANSCEIVER	FAILED		4/15/98
HEEA	3004	AS350B2				064105430	COCKPIT		HEEA0013920
		JT IN FLIGHT. "USE" D ED UNIT. ADJUSTED SI			DISPLAY INCORRE	CT. REPLACED 1901 I.C. C	HIP - NO HELP. REPLACE	D I505 AND I50	06 I.C. CHIPS -
3421	4000L	SNIAS				INDICATOR	DEFECTIVE	321	4/16/98
HEEA	2873	AS350B2				5040017901	COCKPIT		HEEA0013929
	ATTITUDE INDICA	ATOR HAS LOOSE SCRI	EW INSIDE OF UNIT.						
(End of DC	MESTIC SERVICE	DIFFICULTY REPOR	T SUMMARY - CO	MPONENTS)					

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6111		AIRTRC		HARTZL		BLADE	CORRODED		11/1/96
		AT400		HCB3TN3		T10282N4	PROPELLER ASSY		EY2R9601227
	BLADE, SN H4412	2, FOUND CORRODED.							
6110		BBAVIA		MCAULY		PROPELLER	CORRODED		11/1/96
		7AC		1B90CM			PROPELLER ASSY		EY2R9601181
	CORROSION FOUL	ND ON FIXED-PITCH PR	OPELLER.						
6110		BEECH		HARTZL		STOP COLLAR	CORRODED	9815	10/1/96
		100BEECH		HCB3TN3		3475A2	PROPELLER ASSY	1746	EY2R9601157
	LOW STOP COLLA	AR FOUND WITH CORR	OSION.						
6111		BEECH		HARTZL		BLADE	CORRODED		12/1/96
		100BEECH		HCB3TN3		T10173E8	PROPELLER ASSY		EY2R9601276
	BLADE, SN B5182	7, FOUND CORRODED							
6111		BEECH		HARTZL		BLADE	CORRODED		12/1/96
		100BEECH		HCB3TN3		T10173E8	PROPELLER ASSY		EY2R9601275
	BLADE, SN B51383	3, FOUND CORRODED							
6111		BEECH		HARTZL		BLADE	CORRODED		12/1/96
		100BEECH		HCB3TN3		T10173E8	PROPELLER ASSY		EY2R9601277
	BLADE, SN B5144	1, FOUND CORRODED.							
6111		ВЕЕСН		HARTZL		BLADE	CORRODED		12/1/96
		100BEECH		HCB3TN3		T10173E8	PROPELLER ASSY		EY2R9601278
	BLADE, SN B51073	3, FOUND CORRODED.							
6111		ВЕЕСН		HARTZL		BLADE	CORRODED		12/1/96
		100BEECH		HCB3TN3		T10173E8	PROPELLER ASSY		EY2R9601274
	BLADE, SN B51384	4, FOUND CORRODED.							
6111		BEECH		HARTZL		BLADE	CORRODED		12/1/96
		200BEECH		HCB3TN3		T10173E8	PROPELLER ASSY		EY2R9601270
	BLADE, SN B5183'	7, FOUND CORRODED.							
6111		BEECH		HARTZL		BLADE	CORRODED		10/1/96
		200BEECH		HCB3TN3		T10173B8	PROPELLER ASSY		EY2R9601156
	BLADE, SN B21030	0, FOUND CORRODED.							
6114		BEECH		MCAULY		HUB	CORRODED		10/1/96
		A23		3AF32C*		D6468C8	PROPELLER ASSY		EY2R9601083
	HUB CORRODED.								
6114		BEECH		HARTZL		HUB	CORRODED		12/1/96
		B24R		HCM2YR		4214	PROPELLER ASSY		EY2R9601350
	HUB FOUND COR	RODED.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6111		BEECH		MCAULY		BLADES	CORRODED		10/1/96
		F33A		3A32C76			PROPELLER ASSY		EY2R9601077
	BLADES, SN'S K91	889YS,K92027YS,K9182	8YS, FOUND CORRO	DED.					
6110		BEECH		MCAULY		COVER PLATE	CORRODED		11/1/96
		B35		2A36C23		B2417	PROPELLER ASSY		EY2R9601187
	CORROSION FOUR	ND ON SPLIT COVER PL	ATE.						
6110		BEECH		MCAULY		NUT	CORRODED		11/1/96
		V35B		3A32C76		C4904	PROPELLER ASSY		EY2R9601189
	CORROSION FOUR	ND ON NUT.							
6114		BEECH		MCAULY		HUB	CORRODED		11/1/96
		V35B		2A36C23		C2835C23	PROPELLER ASSY		EY2R9601188
	HUB FOUND CORI	RODED.							
6114		BEECH		MCAULY		HUB	CORRODED		11/1/96
		V35B		3A32C76		D6602C76	PROPELLER ASSY		EY2R9601190
	CORROSION FOUR	ND ON HUB.							
6110		BEECH		MCAULY		RETAIN NUT	CORRODED		12/1/96
		A36		3AF32C*		C4904	PROPELLER ASSY		EY2R9601356
	RETAIN NUT FOU	ND CORRODED.							
6110		BEECH		MCAULY		RACES	CORRODED	1704	12/1/96
		A36		D3A32C*		C5270	PROPELLER ASSY		EY2R9601325
	RACES CORRODE	D.							
6111		BEECH		MCAULY		BLADE	CORRODED		10/1/96
		A36		3A32C76		82NB2	PROPELLER ASSY		EY2R9601076
	BLADE, SN C44573	SYS, FOUND CORRODE	D.						
6111		BEECH		BEECH		BLADE	CORRODED		11/1/96
		50		279100		27920798	PROPELLER ASSY		EY2R9601185
	BLADE, SN 81160,	FOUND CORRODED.							
6111		BEECH		BEECH		BLADE	CORRODED		11/1/96
		50		279100		27920798	PROPELLER ASSY		EY2R9601186
	BLADE, SN 81164,	FOUND CORRODED.							
5114		BEECH		BEECH		HUB	CORRODED		11/1/96
		50		279100		279100	PROPELLER ASSY		EY2R9601184
	HUB, SN 78, FOUN	D CORRODED.							
6110		BEECH		HARTZL		SPLIT BEARING	CORRODED		10/1/96
		95A55		PHCA3VF2		971	PROPELLER ASSY	307	EY2R9601174
	CORROSION FOUR	ND ON SPLIT BEARING.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6110		BEECH		HARTZL		BEARINGS	CORRODED		12/1/96
		E55		BHCC2YF2		2202	PROPELLER ASSY	147	EY2R9601333
	BEARINGS CORRO	DDED.							
6111		BEECH		HARTZL		BLADE	CORRODED		12/1/96
		E55		BHCC2YF2		FC84756	PROPELLER ASSY	147	EY2R9601331
	BLADE, SN E50359	, FOUND CORRODED.							
6111		BEECH		HARTZL		BLADE	CORRODED		12/1/96
		E55		BHCC2YF2		FC84756	PROPELLER ASSY	147	EY2R9601332
	BLADE, SN E50404	, FOUND CORRODED.							
6110		BEECH		MCAULY		DOWEL	CORRODED	625	10/1/96
		58		3AF32C512		A4191	PROPELLER ASSY		EY2R9601082
	DOWEL CORRODE	ED.							
6110		BEECH		MCAULY		PIN	CORRODED	625	10/1/96
		58		3AF32C512		A1896	PROPELLER ASSY		EY2R9601081
	CYLINDER PIN CO	RRODED.							
6110		BEECH		MCAULY		PIN	CORRODED		10/1/96
		58		D3AF32C35		A1896	PROPELLER ASSY		EY2R9601137
	CYLINDER PIN FO	UND WITH CORROSIO	N.						
6110		BEECH		MCAULY		BEARING	CORRODED	1872	12/1/96
		58		3AF32C512		C5270	PROPELLER ASSY		EY2R9601306
	BEARING CORROI	DED.							
6110		BEECH		MCAULY		DOWEL	CORRODED		10/1/96
		58		D3AF32C35		A4191	PROPELLER ASSY		EY2R9601138
	DOWEL CORRODE	ED.							
6110		BEECH		HARTZL		BEARING	CORRODED	1472	10/1/96
		65A80		HCA3VK2		971	PROPELLER ASSY	944	EY2R9601155
	SPLIT BEARING FO	OUND CORRODED.							
6110		BEECH		HARTZL		CLAMP	CORRODED		11/1/96
		B90		HCB3TN3		83888	PROPELLER ASSY		EY2R9601226
	CLAMPS, SN'S EK3	95, EK359, FOUND COF	RRODED.						
5110		BEECH		HARTZL		CLAMP	CORRODED		12/1/96
		B95		HC92WK2		1301	PROPELLER ASSY		EY2R9601354
	PROP SHOULDER	CLAMP FOUND CORRO	DDED.						
6110		BEECH		HARTZL		BEARING	CORRODED		12/1/96
		B95		HC92WK2		1303	PROPELLER ASSY		EY2R9601353
	BEARING CORROI	DED.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6110		ВЕЕСН		HARTZL		ROD	CORRODED		12/1/96
		B95		HC92WK2		855	PROPELLER ASSY		EY2R9601355
	CORROSION FOU	ND ON PITCH CHANGE	ROD.						
6110		BEECH		HARTZL		SPRING	CORRODED	8435	11/1/96
		B95		HC92WK2		853	PROPELLER ASSY	1391	EY2R9601222
	CORROSION FOU	ND ON FEATHERING SI	PRING.						
6110		BEECH		HARTZL		BEARING	CORRODED	8435	11/1/96
		B95		HC92WK2		1303A	PROPELLER ASSY	1391	EY2R9601221
	BEARING CORRO	DED.							
6110		BEECH		HARTZL		BEARING	CORRODED	8435	11/1/96
		B95		HC92WK2		1303A	PROPELLER ASSY	1391	EY2R9601220
	BEARING CORRO	DED.							
6110		BEECH		HARTZL		SPRING	CORRODED	8435	11/1/96
		B95		HC92WK2		853	PROPELLER ASSY	1391	EY2R9601223
	CORROSION FOU	ND ON FEATHERING SI	PRING.						
6111		BEECH		HARTZL		BLADE	CORRODED		12/1/96
		B95		HC92WK2		844712A	PROPELLER ASSY		EY2R9601352
	BLADE, SN C1610	, SHANK AREA, FOUND	CORRODED.						
6110		BLANCA		HARTZL		BEARING	CORRODED		12/1/96
		1419		HC12V20*		14B	PROPELLER ASSY		EY2R9601348
	BEARING CORRO	DED.							
6110		BLANCA		HARTZL		JACK PLATE	CORRODED		12/1/96
		1419		HC12V20*		87	PROPELLER ASSY		EY2R9601347
	CORROSION FOU	ND ON JACK PLATE.							
6110		BLANCA		HARTZL		CLAMP	CORRODED		12/1/96
		1419		HC12V20*		83812	PROPELLER ASSY		EY2R9601349
	CORROSION FOU	ND ON CLAMP.							
6110		BNORM		HARTZL		BEARING	CORRODED		11/1/96
		BN2		HCC2YK2		2202	PROPELLER ASSY		EY2R9601239
	CORROSION FOU	ND ON SPLIT BEARING							
6110		BNORM		HARTZL		BEARING	CORRODED		11/1/96
		BN2		HCC2YK2		2202	PROPELLER ASSY		EY2R9601240
	CORROSION FOU	ND ON SPLIT BEARING							
6110		BNORM		HARTZL		BEARING	CORRODED		10/1/96
		BN2B20		HCC2YK2		2202	PROPELLER ASSY	1999	EY2R9601164
	CORROSION FOU	ND ON SPLIT BEARING							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.		DIFF. DATE OPER CONT NO
6114		BNORM		HARTZL		HUB	CORRODED		10/1/96
		BN2B20		HCC2YK2		220116	PROPELLER ASSY	1999	EY2R9601163
	CORROSION FOUR	ND ON HUB.							
6111		BOEING		MCAULY		BLADE	CORRODED		12/1/96
		A75N1		41D5926		MC42	PROPELLER ASSY		EY2R9601287
	BLADE, SN 424274	, FOUND CORRODED.							
6114		BOEING		MCAULY		HUB	CORRODED		12/1/96
		A75N1		41D5926		D5926	PROPELLER ASSY		EY2R9601286
	HUB FOUND COR	RODED.							
6110		CESSNA		MCAULY		PROPELLER	CORRODED		11/1/96
		140		1B90CM			PROPELLER ASSY		EY2R9601180
	CORROSION FOUR	ND ON FIXED-PITCH PF	OPELLER.						
6110		CESSNA		MCAULY		PROPELLER	CORRODED		11/1/96
		140		1B90CM			PROPELLER ASSY		EY2R9601179
	CORROSION FOUR	ND ON FIXED-PITCH PR	OPELLER.						
6110		CESSNA		MCAULY		PROPELLER	CORRODED		11/1/96
		150		1A101HCM			PROPELLER ASSY		EY2R9601178
	CORROSION FOUR	ND ON FIXED-PITCH PF	OPELLER.						
6111		CESSNA		HARTZL		BLADE	CORRODED		11/1/96
		172		HCC2YK1		F7666A	PROPELLER ASSY		EY2R9601236
	BLADE, SN F52931	, FOUND CORRODED.							
6111		CESSNA		HARTZL		BLADE	CORRODED		11/1/96
		172		HCC2YK1		F7666A	PROPELLER ASSY		EY2R9601235
	BLADE, SN F52834	I, FOUND CORRODED.							
6114		CESSNA		HARTZL		HUB	CORRODED		11/1/96
		172		HCC2YK1		220117	PROPELLER ASSY		EY2R9601233
	HUB CORRODED.								
6114		CESSNA		MCAULY		HUB	CORRODED		10/1/96
		172RG		B2D34C220		C5078C220	PROPELLER ASSY		EY2R9601126
	HUB FOUND COR	RODED.							
6114		CESSNA		MCAULY		HUB	CORRODED		10/1/96
		177B		B2D34C208		C208	PROPELLER ASSY		EY2R9601123
	HUB FOUND COR	RODED.							
6110		CESSNA		MCAULY		BEARING	CORRODED		11/1/96
		180K		C2A34C204		C3411	PROPELLER ASSY		EY2R9601207
	CORROSION FOUR	ND ON BEARING RACE							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6114		CESSNA		MCAULY		HUB	CORRODED		10/1/96
		180G		2A36C29		C4526C29	PROPELLER ASSY		EY2R9601074
	HUB CORRODED.								
6114		CESSNA		MCAULY		HUB	CORRODED		10/1/96
		180H		2A36C29		C4526C29	PROPELLER ASSY		EY2R9601073
	HUB CORRODED.								
6110		CESSNA		MCAULY		CYLINDER	CORRODED	1771	11/1/96
		182		C2A34C204		C6263	PROPELLER ASSY		EY2R9601206
	CYLINDER CORRO	ODED.							
6110		CESSNA		MCAULY		BEARING	CORRODED	676	11/1/96
		182F		D3A32C*		A16349	PROPELLER ASSY		EY2R9601208
	BALL BEARING CO	ORRODED.							
6110		CESSNA		MCAULY		DOWEL	CORRODED		10/1/96
		182P		2A34C203		A4001	PROPELLER ASSY		EY2R9601070
	DOWEL CORRODE	ED.							
6110		CESSNA		MCAULY		PLATE	CORRODED		10/1/96
		182R		B2D34C219		C5046	PROPELLER ASSY		EY2R9601125
	PLATE CORRODE	D.							
6110		CESSNA		MCAULY		DOWEL	CORRODED	3080	10/1/96
		182R		C2A34C204		A4001	PROPELLER ASSY	1478	EY2R9601129
	DOWEL CORRODE	ED.							
6110		CESSNA		MCAULY		PISTON TUBE	CORRODED		10/1/96
		182R		B2D34C219		B2345	PROPELLER ASSY		EY2R9601124
	PISTON TUBE FOU	IND CORRODED.							
6114		CESSNA		MCAULY		HUB	CORRODED		12/1/96
		182		2A34C66		C5480C66	PROPELLER ASSY		EY2R9601341
	CORROSION FOUN	ND ON HUB.							
6114		CESSNA		MCAULY		HUB	CORRODED		10/1/96
		182		C2A34C204		C4801C204	PROPELLER ASSY		EY2R9601128
	CORROSION FOUN	ND ON HUB.							
6114		CESSNA		MCAULY		HUB	CORRODED		10/1/96
		182		2A34C203		C3910C203	PROPELLER ASSY		EY2R9601068
	HUB CORRODED.								
6114		CESSNA		MCAULY		HUB	CORRODED		10/1/96
		182		2A34C203		C3910C203	PROPELLER ASSY		EY2R9601069
	HUB CORRODED.								

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6114		CESSNA		MCAULY		HUB	CORRODED		10/1/96
		182		2A34C201		C3910C201	PROPELLER ASSY		EY2R9601067
	HUB CORRODED.								
6111		CESSNA		MCAULY		BLADE	CORRODED		10/1/96
		185E		D3A34C403		G80VA0	PROPELLER ASSY		EY2R9601136
	BLADE, SN BG318	, FOUND CORRODED.							
6111		CESSNA		MCAULY		BLADE	CORRODED		10/1/96
		185E		D3A34C403		G80VA0	PROPELLER ASSY		EY2R9601135
	BLADE, SN BK434	, FOUND CORRODED.							
6111		CESSNA		MCAULY		BLADE	CORRODED		10/1/96
		185E		D3A34C403		G80VA0	PROPELLER ASSY		EY2R9601134
	BLADE, SN BK472	, FOUND CORRODED.							
6110		CESSNA		MCAULY		FERRULE	CORRODED		10/1/96
		188CESSNA		D2A34C98		C3054	PROPELLER ASSY		EY2R9601131
	FERRULE FOUND	CORRODED.							
6111		CESSNA		MCAULY		BLADE	CORRODED		10/1/96
		188CESSNA		2A34C66		S90AT8	PROPELLER ASSY		EY2R9601072
	BLADE, SN B2014	7YS, FOUND CORRODE	D.						
6111		CESSNA		MCAULY		BLADE	CORRODED		10/1/96
		188CESSNA		2A34C66		S90AT8	PROPELLER ASSY		EY2R9601071
	BLADE, SN B2317	IYS, FOUND CORRODE	D.						
6110		CESSNA		MCAULY		RACE	CORRODED		12/1/96
		P206C		D3A32C88		C2987	PROPELLER ASSY	512	EY2R9601266
	RACE CORRODED).							
6110		CESSNA		MCAULY		BEARINGS	CORRODED		12/1/96
		U206		D3A34C404		C5270	PROPELLER ASSY	2643	EY2R9601268
	BEARINGS FOUNI	O CORRODED.							
6110		CESSNA		MCAULY		RETAINERS	CORRODED		12/1/96
		U206		D3A34C404		C3903	PROPELLER ASSY	2643	EY2R9601269
	RETAINERS FOUN	ND CORRODED.							
6114		CESSNA		MCAULY		HUB	CORRODED		10/1/96
		206CESSNA		D2A34C58		C4716C58	PROPELLER ASSY		EY2R9601130
	CORROSION FOU	ND ON HUB.							
6114		CESSNA		MCAULY		HUB	CORRODED		12/1/96
		U206		D3A34C404		D5858C404	PROPELLER ASSY	2643	EY2R9601267
	HUB CORRODED.								

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6110		CESSNA		MCAULY		SCREW	CORRODED	2760	10/1/96
		208		3GFR34C703		B5177	PROPELLER ASSY		EY2R9601120
	SCREW CORRODED).							
6110		CESSNA		MCAULY		SCREW	CORRODED		11/1/96
		208		3GFR34C703		B5177	PROPELLER ASSY		EY2R9601197
	SCREW CORRODED).							
6110		CESSNA		MCAULY		SCREW	CORRODED	2490	11/1/96
		208		3GFR34C703		B5177	PROPELLER ASSY		EY2R9601198
	SCREW CORRODED).							
6110		CESSNA		MCAULY		SCREW	CORRODED	2887	12/1/96
		208		3GFR34C703		B5177	PROPELLER ASSY		EY2R9601304
	SCREW CORRODED).							
6110		CESSNA		MCAULY		CYLINDER	CORRODED	2887	12/1/96
		208		3GFR34C703		D5010	PROPELLER ASSY		EY2R9601305
	CYLINDER CORROL	DED.							
6110		CESSNA		MCAULY		CYLINDER	CORRODED	2760	10/1/96
		208		3GFR34C703		D5010	PROPELLER ASSY		EY2R9601122
	CYLINDER FOUND	CORRODED.							
6110		CESSNA		MCAULY		SCREW	CORRODED	2791	11/1/96
		208		3GFR34C703		B5177	PROPELLER ASSY		EY2R9601199
	SCREW CORRODED).							
6110		CESSNA		MCAULY		SCREW	CORRODED	2688	10/1/96
		208		3GFR34C703		B5177	PROPELLER ASSY		EY2R9601121
	SCREW CORRODEI	D.							
6110		CESSNA		MCAULY		SCREW	CORRODED	2995	11/1/96
		208		3GFR34C703		B5177	PROPELLER ASSY		EY2R9601200
	SCREW CORRODED).							
6110		CESSNA		MCAULY		BEARING	CORRODED		12/1/96
		T210*		D3A34C402		C5270	PROPELLER ASSY		EY2R9601303
	BEARING RACE FO	UND CORRODED.							
6110		CESSNA		MCAULY		PISTON	CORRODED		11/1/96
		T210M		D3A34C402		C4784	PROPELLER ASSY		EY2R9601217
	PISTON CORRODED	Э.							
6110		CESSNA		MCAULY		CYLINDER	CORRODED		11/1/96
		T210M		D3A34C402		C5264	PROPELLER ASSY		EY2R9601218
	CYLINDER CORROL	DED.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6110		CESSNA		MCAULY		BEARING	CORRODED		11/1/96
		T210M		D3A34C402		C5270	PROPELLER ASSY		EY2R9601219
	RETAIN BEARING	CORRODED.							
6110		CESSNA		MCAULY		RETAINER	CORRODED		11/1/96
		T210M		D3A34C402		C3903	PROPELLER ASSY		EY2R9601216
	CORROSION FOU	ND ON SPLIT RETAINE	₹.						
6110		CESSNA		MCAULY		ACTUATOR PIN	CORRODED		11/1/96
		T210M		D3A34C402		B48202	PROPELLER ASSY		EY2R9601215
	ACT PIN ASSEMB	LY FOUND CORRODED							
6110		CESSNA		MCAULY		PISTON LINK PIN	CORRODED		11/1/96
		T210M		D3A34C402		A4738	PROPELLER ASSY		EY2R9601214
	CORROSION FOU	ND ON PISTON LINK PI	N.						
6110		CESSNA		MCAULY		SPRING	CORRODED		11/1/96
		T210M		D3A34C402		A3125	PROPELLER ASSY		EY2R9601212
	CORROSION FOU	ND ON PITCH RETURN	SPRING						
6111		CESSNA		MCAULY		BLADE	CORRODED		12/1/96
		210		D2A34C*		90DFA10	PROPELLER ASSY		EY2R9601282
	BLADE, SN BH469	, FOUND CORRODED.							
6111		CESSNA		MCAULY		BLADE	CORRODED		12/1/96
		210		D2A34C*		90DFA10	PROPELLER ASSY		EY2R9601283
	BLADE, SN BH489	, FOUND CORRODED.							
6111		CESSNA		MCAULY		BLADE	CORRODED		12/1/96
		210		D2A34C*		90DFA10	PROPELLER ASSY		EY2R9601284
	BLADE, SN BH500	, FOUND CORRODED.							
6111		CESSNA		MCAULY		BLADE	CORRODED		11/1/96
		T210M		D3A34C402		90DFA10	PROPELLER ASSY		EY2R9601209
	BLADE, SN 124558	3, FOUND CORRODED.							
6111		CESSNA		MCAULY		BLADE	CORRODED		11/1/96
		T210M		D3A34C402		90DFA10	PROPELLER ASSY		EY2R9601211
	BLADE, SN 125242	2, FOUND CORRODED.							
6111		CESSNA		MCAULY		BLADE	CORRODED		11/1/96
		T210M		D3A34C402		90DFA10	PROPELLER ASSY		EY2R9601210
	BLADE, SN 125221	, FOUND CORRODED.							
6114		CESSNA		MCAULY		HUB	CORRODED		12/1/96
		210		D2A34C*		D5858C402	PROPELLER ASSY		EY2R9601285
	HUB FOUND COR	RODED.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6110		CESSNA		MCAULY		BEARING	CORRODED	2993	11/1/96
		T303		3AF32C506		C3411	PROPELLER ASSY	1650	EY2R9601191
	BEARING RACE C	CORRODED.							
6110		CESSNA		MCAULY		RETAINER	CORRODED	2993	11/1/96
		T303		3AF32C506		C3903	PROPELLER ASSY	1650	EY2R9601192
	SPLIT RETAINER	FOUND CORRODED.							
6110		CESSNA		MCAULY		RACES	CORRODED	2993	12/1/96
		T303		3AF32C507		C3411	PROPELLER ASSY	1650	EY2R9601321
	RACES CORRODE	D.							
6110		CESSNA		MCAULY		KEEPERS	CORRODED	2993	12/1/96
		T303		3AF32C507		C3903	PROPELLER ASSY	1650	EY2R9601320
	CORROSION FOUL	ND ON KEEPERS.							
6110		CESSNA		MCAULY		FERRULES	CORRODED		12/1/96
		310K		D2AF34C81		C4450	PROPELLER ASSY		EY2R9601342
	FERRULES CORRO	ODED.							
6110		CESSNA		MCAULY		BLADE ACT PIN	CORRODED		10/1/96
		310P		3AF32C87		B4459	PROPELLER ASSY	696	EY2R9601091
	BLADE ACT PIN F	OUND CORRODED.							
6110		CESSNA		MCAULY		CYLINDER PIN	CORRODED		10/1/96
		310P		3AF32C87		A1896	PROPELLER ASSY	696	EY2R9601088
	CYLINDER PIN FO	OUND CORRODED.							
6110		CESSNA		MCAULY		DOWEL	CORRODED		10/1/96
		310P		3AF32C87		A4191	PROPELLER ASSY	696	EY2R9601089
	DOWEL CORROD	ED.							
6110		CESSNA		MCAULY		PIN	CORRODED		10/1/96
		310P		3AF32C87		B3490	PROPELLER ASSY	696	EY2R9601090
	CORROSION FOU	ND ON PISTON ROD PIN	1.						
6110		CESSNA		MCAULY		CYLINDER	CORRODED		10/1/96
		310P		3AF32C87		C3550	PROPELLER ASSY	696	EY2R9601092
	CORROSION FOUL	ND ON FEATHER C YLI	NDER.						
6110		CESSNA		MCAULY		FERRULE	CORRODED		10/1/96
		310P		3AF32C87		C4451	PROPELLER ASSY	1229	EY2R9601100
	FERRULE FOUND	CORRODED.							
6110		CESSNA		MCAULY		FERRULE	CORRODED	5217	12/1/96
		310Q		3AF32C87		C4451	PROPELLER ASSY	1299	EY2R9601295
	FERRULE FOUND	CORRODED.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6110		CESSNA		MCAULY		FERRULE	CORRODED	2895	12/1/96
		310Q		3AF32C87		C4451	PROPELLER ASSY	1295	EY2R9601297
	FERRULE FOUND	CORRODED.							
6110		CESSNA		MCAULY		PIN	CORRODED	2780	10/1/96
		310R		3AF32C87		A1896	PROPELLER ASSY	1480	EY2R9601094
	CYLINDER PIN FO	OUND CORRODED.							
6110		CESSNA		MCAULY		CYLINDER	CORRODED	2780	10/1/96
		310R		3AF32C87		C3550	PROPELLER ASSY	1480	EY2R9601098
	CORROSION FOU	ND ON CYLINDER.							
6110		CESSNA		MCAULY		DOWEL	CORRODED	2780	10/1/96
		310R		3AF32C87		A4191	PROPELLER ASSY		EY2R9601097
	DOWEL CORROD	ED.							
6110		CESSNA		MCAULY		DOWEL	CORRODED	2780	10/1/96
		310R		3AF32C87		A4191	PROPELLER ASSY	1480	EY2R9601096
	DOWEL CORROD	ED.							
6110		CESSNA		MCAULY		PIN	CORRODED	2780	10/1/96
		310R		3AF32C87		A1896	PROPELLER ASSY		EY2R9601095
	CYLINDER PIN FO	OUND CORRODED.							
6110		CESSNA		MCAULY		RACE	CORRODED		12/1/96
		310R		3AF32C87		C2987	PROPELLER ASSY	1223	EY2R9601249
	CORROSION FOU	ND ON RACE.							
6111		CESSNA		MCAULY		BLADE	CORRODED		10/1/96
		310		3AF32C87		S82NC55	PROPELLER ASSY		EY2R9601085
	BLADE FOUND CO	ORRODED.							
6111		CESSNA		MCAULY		BLADE	CORRODED		10/1/96
		310		3AF32C87		S82NC4	PROPELLER ASSY		EY2R9601087
	BLADE, SN C4194	4YS, FOUND CORRODE	D.						
6111		CESSNA		MCAULY		BLADE	CORRODED		10/1/96
		310K		D3AF32C80		S82NC2	PROPELLER ASSY		EY2R9601139
	BLADE, SN F73319	YS, FOUND CORRODE	D.						
6111		CESSNA		MCAULY		BLADE	CORRODED		10/1/96
		310K		D3AF32C80		S82NC2	PROPELLER ASSY		EY2R9601140
	BLADE, SN F32952	2YS, FOUND CORRODE	D						
6111		CESSNA		MCAULY		BLADE	CORRODED		10/1/96
		310K		D3AF32C80		S82NC2	PROPELLER ASSY		EY2R9601141
	BLADE, SN F32834	YS, FOUND CORRODE	D.						

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6111		CESSNA		MCAULY		BLADE	CORRODED		10/1/96
		310P		3AF32C87		S82NC4	PROPELLER ASSY	696	EY2R9601093
	BLADE, SN BG397	YS, FOUND CORRODED).						
6111		CESSNA		MCAULY		BLADE	CORRODED		12/1/96
		310Q		3AF32C87		S82NC4	PROPELLER ASSY		EY2R9601290
	BLADE, SN F26156	SYS, FOUND CORRODEI	Э.						
6111		CESSNA		MCAULY		BLADE	CORRODED		12/1/96
		310Q		3AF32C87		S82NC4	PROPELLER ASSY		EY2R9601289
	BLADE, SN F26088	BYS, FOUND CORRODEI	Э.						
6111		CESSNA		MCAULY		BLADE	CORRODED		12/1/96
		310Q		3AF32C87		S82NC4	PROPELLER ASSY		EY2R9601288
	BLADE, SN F26105	SYS, FOUND CORRODEI	Э.						
6111		CESSNA		MCAULY		BLADE	CORRODED	2895	12/1/96
		310Q		3AF32C87		S82NC55	PROPELLER ASSY	1295	EY2R9601300
	BLADE, SN K95983	3YS, FOUND CORRODE	D.						
6111		CESSNA		MCAULY		BLADE	CORRODED	2895	12/1/96
		310Q		3AF32C87		S82NC55	PROPELLER ASSY	1295	EY2R9601298
	BLADE, SN F84468	BYS, FOUND CORRODEI	Э.						
6111		CESSNA		MCAULY		BLADE	CORRODED	2895	12/1/96
		310Q		3AF32C87		S82NC55	PROPELLER ASSY	1295	EY2R9601299
	BLADE, SN F90225	SYS, FOUND CORRODEI	Э.						
6114		CESSNA		MCAULY		HUB	CORRODED		10/1/96
		310		3AF32C87		D7015C87	PROPELLER ASSY		EY2R9601086
	HUB FOUND COR	RODED.							
6114		CESSNA		MCAULY		HUB	CORRODED		10/1/96
		310P		3AF32C87		D7015C87	PROPELLER ASSY	1229	EY2R9601101
	HUB CORRODED.								
6114		CESSNA		MCAULY		HUB	CORRODED	5217	12/1/96
		310Q		3AF32C87		D7015C87	PROPELLER ASSY	1299	EY2R9601296
	HUB FOUND WITH	H CORROSION.							
6114		CESSNA		MCAULY		HUB	CORRODED		12/1/96
		310R		3AF32C87		D7015C87	PROPELLER ASSY	1223	EY2R9601248
	NR 1 SOCKET FOU	JND CORRODED.							
6110		CESSNA		MCAULY		ACT PIN	CORRODED	1507	12/1/96
		335		3AF32C87		B4459	PROPELLER ASSY		EY2R9601244
	ACT. PIN RUSTED								

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6110		CESSNA		MCAULY		LOCKNUT	CORRODED	1507	12/1/96
		335		3AF32C87		C7036	PROPELLER ASSY		EY2R9601243
	CORROSION FOUR	ND ON LOCKNUT.							
6114		CESSNA		MCAULY		HUB	CORRODED	1507	12/1/96
		335		3AF32C87		D7015C87	PROPELLER ASSY		EY2R9601242
	HUB FOUND COR	RODED.							
6110		CESSNA		MCAULY		PIN	CORRODED		10/1/96
		337		D2AF34C61		A1896	PROPELLER ASSY		EY2R9601132
	CYLINDER PIN FO	OUND CORRODED.							
6110		CESSNA		MCAULY		DOWEL	CORRODED		10/1/96
		337		D2AF34C61		A4001	PROPELLER ASSY		EY2R9601133
	DOWEL CORRODI	ED.							
6110		CESSNA		MCAULY		LOCKNUT	CORRODED	2250	12/1/96
		337A		D2AF34C61		C4905	PROPELLER ASSY		EY2R9601265
	LOCKNUT CORRO	DDED.							
6110		CESSNA		MCAULY		ACT PIN	CORRODED	2250	12/1/96
		337A		D2AF34C59		C4458	PROPELLER ASSY		EY2R9601262
	ACT. PIN FOUND I	RUSTED.							
6111		CESSNA		MCAULY		BLADE	CORRODED	2250	12/1/96
		337A		D2AF34C61		L76C0	PROPELLER ASSY		EY2R9601264
	BLADE, SN D2514	YS, FOUND CORRODED).						
6114		CESSNA		MCAULY		HUB	CORRODED	2250	12/1/96
		337A		D2AF34C61		D4885	PROPELLER ASSY		EY2R9601263
	HUB FOUND COR	RODED.							
6110		CESSNA		MCAULY		PISTON	CORRODED		12/1/96
		340A		3AF32C93		C40603	PROPELLER ASSY		EY2R9601250
	PISTON CORRODE	ED.							
6110		CESSNA		MCAULY		FERRULE	CORRODED		12/1/96
		340A		3AF32C93		C4451	PROPELLER ASSY		EY2R9601253
	FERRULE CORRO	DED.							
6110		CESSNA		MCAULY		RETAIN NUT	CORRODED		12/1/96
		340A		3AF32C93		C3475	PROPELLER ASSY		EY2R9601254
	RETAIN NUT FOU	ND CORRODED.							
6110		CESSNA		MCAULY		PISTON	CORRODED		12/1/96
		340A		3AF32C93		C40603	PROPELLER ASSY		EY2R9601255
	PISTON CORRODE	ED.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6110		CESSNA		MCAULY		RETAIN NUT	CORRODED		12/1/96
		340A		3AF32C93		C3475	PROPELLER ASSY		EY2R9601256
	RETAIN NUT COR	RODED.							
6110		CESSNA		MCAULY		RETAIN NUT	CORRODED		12/1/96
		340A		3AF32C93		C3475	PROPELLER ASSY		EY2R9601257
	RETAIN NUT COR	RODED.							
6110		CESSNA		MCAULY		FERRULE	CORRODED		10/1/96
		340A		3AF32C93		C4451	PROPELLER ASSY		EY2R9601112
	FERRULE FOUND	WITH CORROSION.							
6110		CESSNA		MCAULY		RETAIN NUT	CORRODED		12/1/96
		340A		3AF32C93		C3475	PROPELLER ASSY		EY2R9601258
	RETAIN NUT COR	RODED.							
6110		CESSNA		MCAULY		FERRULE	CORRODED		12/1/96
		340A		3AF32C93		C4451	PROPELLER ASSY		EY2R9601252
	FERRULE CORRO	DED.							
6110		CESSNA		MCAULY		PIN	CORRODED		10/1/96
		340A		3AF32C93		A1896	PROPELLER ASSY		EY2R9601104
	CYLINDER PIN FO	OUND CORRODED.							
6110		CESSNA		MCAULY		BEARING	CORRODED		10/1/96
		340A		3AF32C93		C2987	PROPELLER ASSY		EY2R9601109
	RETAIN BEARING	FOUND CORRODED.							
6110		CESSNA		MCAULY		PISTON ROD PIN	CORRODED		10/1/96
		340A		3AF32C93		B3490	PROPELLER ASSY		EY2R9601108
	PISTON ROD PIN I	FOUND CORRODED.							
6110		CESSNA		MCAULY		FERRULE	CORRODED		10/1/96
		340A		3AF32C93		C4451	PROPELLER ASSY		EY2R9601111
	FERRULE FOUND	WITH CORROSION.							
6110		CESSNA		MCAULY		RETAIN BEARING	CORRODED		10/1/96
		340A		3AF32C93		C2987	PROPELLER ASSY		EY2R9601110
	RETAIN BEARING	FOUND CORRODED.							
6110		CESSNA		MCAULY		PIN	CORRODED		10/1/96
		340A		3AF32C93		A1896	PROPELLER ASSY		EY2R9601105
	CYLINDER PIN FO	OUND CORRODED.							
6110		CESSNA		MCAULY		DOWEL	CORRODED		10/1/96
		340A		3AF32C93		A4191	PROPELLER ASSY		EY2R9601107
	DOWEL CORRODI	ED.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6110		CESSNA		MCAULY		DOWEL	CORRODED		10/1/96
		340A		3AF32C93		A4191	PROPELLER ASSY		EY2R9601106
	DOWEL CORRODI	ED.							
6111		CESSNA		MCAULY		BLADE	CORRODED		10/1/96
		340A		3AF32C93		82NC55	PROPELLER ASSY		EY2R9601102
	BLADE, SN K82853	3YS, FOUND CORRODE	D.						
6111		CESSNA		MCAULY		BLADE	CORRODED		10/1/96
		340A		3AF32C93		82NC55	PROPELLER ASSY		EY2R9601103
	BLADE, SN K82928	8YS, FOUND CORRODE	D.						
6111		CESSNA		MCAULY		BEARING	CORRODED		12/1/96
		340A		3AF32C93		C2987	PROPELLER ASSY		EY2R9601259
	BLADE BEARING	FOUND CORRODED.							
6111		CESSNA		MCAULY		BEARING	CORRODED		12/1/96
		340A		3AF32C93		C2987	PROPELLER ASSY		EY2R9601251
	BLADE BEARING	FOUND CORRODED.							
6110		CESSNA		MCAULY		RACES	CORRODED		12/1/96
		401		3AF32C*		C3411	PROPELLER ASSY	866	EY2R9601323
	RACES CORRODE	D.							
6110		CESSNA		MCAULY		RACES	CORRODED		12/1/96
		401		3AF32C*		B3490	PROPELLER ASSY	866	EY2R9601324
	RACES CORRODE	D.							
6110		CESSNA		MCAULY		KEEPERS	CORRODED		12/1/96
		401		3AF32C*		C3903	PROPELLER ASSY	866	EY2R9601322
	CORROSION FOUR	ND ON KEEPERS.							
6110		CESSNA		MCAULY		RACES	CORRODED	5695	12/1/96
		402B		3AF32C87		C2987	PROPELLER ASSY	772	EY2R9601319
	RACES CORRODE	D.							
6110		CESSNA		MCAULY		BEARING	CORRODED		11/1/96
		402B		3AF32C87		C2987	PROPELLER ASSY		EY2R9601193
	RETAIN BEARING	FOUND CORRODED.							
6110		CESSNA		MCAULY		BEARING	CORRODED	1501	10/1/96
		402C		3AF32C505		A16349	PROPELLER ASSY		EY2R9601080
	BALL BEARING C	ORRODED.							
6110		CESSNA		MCAULY		BEARING	CORRODED	4020	11/1/96
		402C		3AF32C93		C2987	PROPELLER ASSY	1379	EY2R9601194
	RETAIN BEARING	FOUND CORRODED.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6110		CESSNA		MCAULY		BEARING	CORRODED	4020	11/1/96
		402C		3AF32C93		C2987	PROPELLER ASSY	1379	EY2R9601195
	RETAIN BEARING	FOUND CORRODED.							
6111		CESSNA		MCAULY		RETAINERS	CORRODED		12/1/96
		402C		3AF32C93		PROPELLER	PROPELLER ASSY		EY2R9601260
	BLADES, SN'S F44	4301YS, F44956YS, AND	F44460YS, FOUND C	CORRODED.					
6111		CESSNA		MCAULY		BLADE	CORRODED		12/1/96
		402CESSNA		3AF32C87		S82NC2	PROPELLER ASSY		EY2R9601245
	BLADE, SN K5644	9YS, FOUND CORRODE	D.						
6111		CESSNA		MCAULY		BLADE	CORRODED		10/1/96
		402CESSNA		3AF32C87		S82NC55	PROPELLER ASSY		EY2R9601099
	BLADE, SN K1032	32YS, FOUND ON CYLII	NDER.						
6111		CESSNA		MCAULY		BLADE	CORRODED		10/1/96
		402CESSNA		3AF32C87		S82NC55	PROPELLER ASSY		EY2R9601084
	BLADE, SN K6238	3YS, FOUND CORRODE	D.						
6111		CESSNA		MCAULY		BLADE	CORRODED		12/1/96
		402CESSNA		3AF32C87		S82NC2	PROPELLER ASSY		EY2R9601246
	BLADE, SN K5682	6YS, FOUND CORRODE	D.						
6111		CESSNA		MCAULY		BLADE	CORRODED		12/1/96
		402CESSNA		3AF32C87		S82NC4	PROPELLER ASSY		EY2R9601247
	BLADE, SN F40087	7YS, FOUND CORRODE	D.						
6114		CESSNA		MCAULY		HUB	CORRODED	4020	11/1/96
		402C		3AF32C93		D5892C93	PROPELLER ASSY	1379	EY2R9601196
	CORROSION FOU	ND ON HUB.							
6110		CESSNA		MCAULY		DOWEL	CORRODED	1858	10/1/96
		414		3AF32C505		A4191	PROPELLER ASSY	755	EY2R9601079
	DOWEL CORROD	ED.							
6110		CESSNA		MCAULY		RACES	CORRODED		12/1/96
		414		3AF32C93		C2987	PROPELLER ASSY		EY2R9601317
	RACES CORRODE	ED.							
6110		CESSNA		MCAULY		RACES	CORRODED		12/1/96
		414		3AF32C93		C2987	PROPELLER ASSY		EY2R9601318
	RACES CORRODE	ED.							
6110		CESSNA		MCAULY		PIN	CORRODED	1858	10/1/96
		414		3AF32C505		A1896	PROPELLER ASSY	755	EY2R9601078
	CORROSION FOU	ND ON CYLINDER PIN.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6114		CESSNA		MCAULY		HUB	CORRODED		12/1/96
		414		3AF32C93		D4344C93	PROPELLER ASSY		EY2R9601316
	HUB FOUND COR	RODED.							
6110		CESSNA		MCAULY		NUT	CORRODED	3692	12/1/96
		421		3AF34C92		C7036	PROPELLER ASSY	1168	EY2R9601308
	NUT CORRODED.								
6110		CESSNA		MCAULY		NUT	CORRODED	6108	12/1/96
		421B		3AF34C92		C7036	PROPELLER ASSY		EY2R9601273
	NUT CORRODED.								
6110		CESSNA		MCAULY		BEARING	CORRODED		10/1/96
		421C		3FF32C501		C5270	PROPELLER ASSY		EY2R9601117
	RETAIN BEARING	CORRODED.							
6110		CESSNA		MCAULY		PIN	CORRODED		10/1/96
		421C		3FF32C501		A1896	PROPELLER ASSY		EY2R9601113
	CYLINDER PIN FO	OUND CORRODED.							
6110		CESSNA		MCAULY		DOWEL	CORRODED		10/1/96
		421C		3FF32C501		A4191	PROPELLER ASSY		EY2R9601114
	DOWEL CORROD	ED.							
6110		CESSNA		MCAULY		ACT PIN ASSY	CORRODED		10/1/96
		421C		3FF32C501		B48201	PROPELLER ASSY		EY2R9601116
	ACT PIN ASSY FO	UND CORRODED.							
6110		CESSNA		MCAULY		ROD	CORRODED		10/1/96
		421C		3FF32C501		D3474	PROPELLER ASSY		EY2R9601118
	PISTON ROD ASS	Y FOUND WITH CORRO	SION.						
6110		CESSNA		MCAULY		RETAIN RING	CORRODED		10/1/96
		421C		3FF32C501		B4426	PROPELLER ASSY		EY2R9601115
	RETAIN RING FOU	JND CORRODED.							
6111		CESSNA		MCAULY		BLADE	CORRODED		12/1/96
		421		3AF34C92		S90LF0	PROPELLER ASSY		EY2R9601261
	BLADE, SN C31669	9YS, FOUND CORRODE	D.						
6111		CESSNA		MCAULY		BLADE	CORRODED		12/1/96
		421		3FF32C501		90UMB0	PROPELLER ASSY	55	EY2R9601279
	BLADE SHANK, S	N K76136, FOUND CORI	RODED.						
6111		CESSNA		MCAULY		BLADE	CORRODED		12/1/96
		421		3FF32C501		90UMB0	PROPELLER ASSY	55	EY2R9601280
	BLADE SHANK, S	N K76140, FOUND COR	RODED.						

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6111		CESSNA		MCAULY		BLADE	CORRODED		12/1/96
		421		3FF32C501		90UMB0	PROPELLER ASSY	55	EY2R9601281
	BLADE SHANK, SI	N K76153, FOUND CORF	RODED.						
6114		CESSNA		MCAULY		HUB	CORRODED	3692	12/1/96
		421		3AF34C92		D7019C92	PROPELLER ASSY	1168	EY2R9601307
	HUB FOUND CORI	RODED.							
6114		CESSNA		MCAULY		HUB	CORRODED		10/1/96
		421C		3FF32C501		D5878C501	PROPELLER ASSY		EY2R9601119
	HUB FOUND CORI	RODED.							
6110		DHAV		HARTZL		CLAMP	CORRODED	24237	11/1/96
		DHC6300		HCB3TN3		83867	PROPELLER ASSY	2961	EY2R9601231
	CLAMPS, SN'S EF2	929, EF8442, AND EF970	04, FOUND CORRODE	D.					
6110		DHAV		HARTZL		BEARING	CORRODED	24237	11/1/96
		DHC6300		HCB3TN3		1851T	PROPELLER ASSY	2961	EY2R9601229
	BEARING CORRO	DED.							
6110		DHAV		HARTZL		BEARINGS	CORRODED		12/1/96
		DHC6300		HCB3TN3		1851T	PROPELLER ASSY	2938	EY2R9601334
	BEARINGS CORRO	DDED.							
6110		DHAV		HARTZL		BEARING	CORRODED	14123	11/1/96
		DHC6300		HCB3TN3		1851T	PROPELLER ASSY	3404	EY2R9601228
	BEARING CORRO	DED.							
6111		DORNER		HARTZL		BLADE	CORRODED		10/1/96
		DO228*		HCB4TN5		LT10574FS	PROPELLER ASSY		EY2R9601159
	BLADE, SN H05668	3, FOUND CORRODED.							
6111		DORNER		HARTZL		BLADE	CORRODED		10/1/96
		DO228*		HCB4TN5		LT10574FS	PROPELLER ASSY		EY2R9601161
	BLADE, SN F58721	, FOUND CORRODED.							
6111		DORNER		HARTZL		BLADE	CORRODED		10/1/96
		DO228*		HCB4TN5		LT10574FS	PROPELLER ASSY		EY2R9601160
	BLADE, SN H05667	7, FOUND CORRODED.							
6110		GULSTM		MCAULY		PROPELLER	CORRODED		11/1/96
		AA5		1C172*			PROPELLER ASSY		EY2R9601183
	CORROSION FOUN	ND ON FIXED-PITCH PR	OPELLER.						
6110		ISRAEL		HARTZL		BEARING	CORRODED		11/1/96
		ARAVA101		HCB3TN3		1851T	PROPELLER ASSY		EY2R9601230
	BEARING CORRO	DED.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6110		MOONEY		HARTZL		SOCKET SET SCREW	CORRODED		10/1/96
		M20E		HCC2YK1		2421	PROPELLER ASSY		EY2R9601162
	PROP ASSY SOCKI	ET SCREW CORRODED							
6110		PIPER		MCAULY		PROPELLER	CORRODED		11/1/96
		PA11		1B90CM			PROPELLER ASSY		EY2R9601182
	CORROSION FOUN	ND ON FIXED-PITCH PR	OPELLER.						
6110		PIPER		HARTZL		PILOT TUBE	CORRODED		10/1/96
		PA23		HCA2VK2		14962	PROPELLER ASSY	1531	EY2R9601145
	CORROSION FOUN	ND ON PILOT TUBES. R	EMOVED AND REPL	ACED PILOT TUBES.					
6110		PIPER		HARTZL		BEARING	CORRODED	9880	10/1/96
		PA23		HCA2VK2		971	PROPELLER ASSY	789	EY2R9601149
	CORROSION FOUN	ND ON SPLIT BEARING							
6110		PIPER		HARTZL		CLAMP	CORRODED		10/1/96
		PA23		HCA2VK2		83812	PROPELLER ASSY	1531	EY2R9601147
	CLAMP CORRODE	D.							
6110		PIPER		HARTZL		BEARING	CORRODED		10/1/96
		PA23		HCA2VK2		971	PROPELLER ASSY	1531	EY2R9601148
	CORROSION FOUN	ND ON SPLIT BEARING							
6110		PIPER		HARTZL		PILOT TUBE	CORRODED	9880	10/1/96
		PA23		HCA2VK2		14962	PROPELLER ASSY	789	EY2R9601146
	CORROSION FOUN	ND ON PILOT TUBES. R	EMOVED AND REPL	ACED PILOT TUBES.					
6110		PIPER		HARTZL		BEARING	CORRODED		12/1/96
		PA23160		HC82VL2		14B	PROPELLER ASSY		EY2R9601345
	BEARING CORROL	DED.							
6110		PIPER		HARTZL		CLAMP	CORRODED		12/1/96
		PA23160		HC82VL2		83811	PROPELLER ASSY		EY2R9601346
	CLAMP CORRODE	D.							
6110		PIPER		HARTZL		RACES	CORRODED		12/1/96
		PA23250		HCE2YK2		2202	PROPELLER ASSY		EY2R9601330
	RACES CORRODE	D.							
6110		PIPER		HARTZL		BEARING	CORRODED		12/1/96
		PA23250		HCE2YK2		2202	PROPELLER ASSY		EY2R9601327
	BEARING CORRO	DED.							
6110		PIPER		HARTZL		BEARING	CORRODED		11/1/96
		PA23250		HCE2YK2		2202	PROPELLER ASSY		EY2R9601241
	CORROSION FOUN	ND ON SPLIT BEARING							

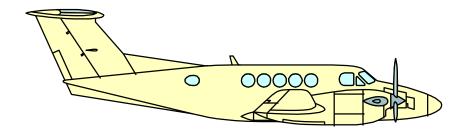
ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6111		PIPER		HARTZL		BLADE	CORRODED		12/1/96
		PA23		HC82XL2			PROPELLER ASSY		EY2R9601294
	BLADE, SN'S 1036	47, 104122, FOUND COR	RODED.						
6111		PIPER		HARTZL		BLADE	CORRODED		12/1/96
		PA23250		HCE2YK2		F84657R	PROPELLER ASSY		EY2R9601328
	BLADE, SN C37674	, FOUND CORRODED.							
6111		PIPER		HARTZL		BLADE	CORRODED		12/1/96
		PA23250		HCE2YK2		F84657R	PROPELLER ASSY		EY2R9601329
	BLADE, SN C38521	, FOUND CORRODED.							
6114		PIPER		HARTZL		HUB	CORRODED		12/1/96
		PA23250		HCE2YK2		24772R	PROPELLER ASSY		EY2R9601326
	HUB FOUND CORI	RODED.							
6110		PIPER		HARTZL		BEARING	CORRODED		11/1/96
		PA24250		HCA2V*		971	PROPELLER ASSY	430	EY2R9601224
	CORROSION FOUR	ND ON SPLIT BEARING.							
6110		PIPER		HARTZL		CYLINDER	CORRODED	4516	10/1/96
		PA24250		HC82V*		806	PROPELLER ASSY		EY2R9601143
	CYLINDER CORRO	ODED.							
6110		PIPER		HARTZL		CLAMP	CORRODED	4516	10/1/96
		PA24250		HC82V*		8382	PROPELLER ASSY		EY2R9601144
	CLAMP CORRODE	ID.							
6110		PIPER		HARTZL		BOLT	CORRODED		10/1/96
		PA24250		HCA2XK1		13333	PROPELLER ASSY		EY2R9601150
	BOLT FOUND COF	RRODED.							
6110		PIPER		HARTZL		BOLT	CORRODED		10/1/96
		PA24250		HCA2XK1		13336	PROPELLER ASSY		EY2R9601151
	BOLT FOUND COF	RRODED.							
6110		PIPER		HARTZL		CLAMP	CORRODED		10/1/96
		PA24250		HCA2XK1		8382	PROPELLER ASSY		EY2R9601152
	CLAMP FOUND CO	ORRODED.							
6110		PIPER		HARTZL		BEARING	CORRODED		10/1/96
		PA24250		HCA2XK1		971	PROPELLER ASSY		EY2R9601153
	SPLIT BEARING FO	OUND CORRODED.							
6110		PIPER		HARTZL		BEARING	CORRODED		10/1/96
		PA24250		HCA2XK1		J2016	PROPELLER ASSY		EY2R9601154
	BEARING FOUND	CORRODED.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6110		PIPER		HARTZL		SPLIT BEARING	CORRODED		11/1/96
		PA24250		HCA2V*		971	PROPELLER ASSY		EY2R9601225
	CORROSION FOUN	ND ON SPLIT BEARING							
6110		PIPER		HARTZL		BEARING	CORRODED	4516	10/1/96
		PA24250		HC82V*		14B	PROPELLER ASSY		EY2R9601142
	BEARING CORROL	DED.							
6110		PIPER		HARTZL		PIN	CORRODED	764	10/1/96
		PA28R201T		BHCC2YF1		5002X118	PROPELLER ASSY	356	EY2R9601127
	PIN CORRODED.								
6111		PIPER		HARTZL		BLADE	CORRODED		10/1/96
		PA28R180		HCC2YR1		F7666A	PROPELLER ASSY		EY2R9601165
	BLADE, SN H57236	5, FOUND CORRODED.							
6114		PIPER		HARTZL		HUB	CORRODED		11/1/96
		PA28*		HCC2YK1		22013	PROPELLER ASSY		EY2R9601234
	HUB CORRODED.								
6114		PIPER		HARTZL		HUB	CORRODED		12/1/96
		PA28*		HCC2YK1		2201	PROPELLER ASSY		EY2R9601338
	CORROSION FOUN	ND ON HUB.							
6110		PIPER		HARTZL		SPRING	CORRODED		10/1/96
		PA31P350		HCI3YR2		15941	PROPELLER ASSY		EY2R9601173
	CORROSION FOUN	ND ON FEATHERING SE	RING.						
6110		PIPER		HARTZL		BEARING	CORRODED	3331	12/1/96
		PA32300		HCC2YR1		2202	PROPELLER ASSY		EY2R9601271
	BEARING FOUND	CORRODED.							
6110		PIPER		HARTZL		BEARING	CORRODED		11/1/96
		PA32301		HCC2YK1		2202	PROPELLER ASSY		EY2R9601238
	CORROSION FOUN	ND ON SPLIT BEARING							
6111		PIPER		HARTZL		BLADE	CORRODED	3331	12/1/96
		PA32300		HCC2YR1		F8475D4	PROPELLER ASSY		EY2R9601272
	SHANK FOUND CO	ORRODED.							
6114		PIPER		HARTZL		HUB	CORRODED		11/1/96
		PA32301		HCC2YK1		220117	PROPELLER ASSY		EY2R9601237
	HUB FOUND CORI	RODED.							
6110		PIPER		HARTZL		BEARINGS	CORRODED		12/1/96
		PA34200		HCC2YK2		2202	PROPELLER ASSY		EY2R9601336
	BEARINGS CORRO	DDED.							

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6110		PIPER		HARTZL		BEARINGS	CORRODED		12/1/96
		PA34200		HCC2YK2		2202	PROPELLER ASSY		EY2R9601335
	BEARINGS CORR	ODED.							
6110		PIPER		HARTZL		BEARING	CORRODED		12/1/96
		PA34200		BHCC2YF2		2202	PROPELLER ASSY		EY2R9601343
	BEARING CORRO	DED.							
6110		PIPER		HARTZL		ROD	CORRODED		12/1/96
		PA34200		BHCC2YF2		24913	PROPELLER ASSY		EY2R9601344
	CORROSION FOU	ND O PITCH CHANGE R	OD.						
6114		PIPER		HARTZL		HUB	CORRODED		12/1/96
		PA34*		BHCC2YF2		2201	PROPELLER ASSY		EY2R9601339
	CORROSION FOU	ND ON HUB.							
6114		PIPER		HARTZL		HUB	CORRODED		12/1/96
		PA34*		BHCC2YF2		2201	PROPELLER ASSY		EY2R9601340
	CORROSION FOU	ND ON HUB.							
6110		STNSON		HAMSTD		PROPELLER	CORRODED		10/1/96
		SM8A		2B20		55210	PROPELLER ASSY	101	EY2R9601075
	CORRODED PROP	ASSY							
(End of DC	OMESTIC SERVICE	DIFFICULTY REPOR	T SUMMARY - PR	OPELLERS)					



INTERNATIONAL SERVICE DIFFICULTY REPORT



ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2710		BBAVIA				CABLE	CROSSED	8	10/26/93
		8GCBC				12339	AILERON RT		CA931108010
		NG REPLACEMENT AT A 55 AND 64 FIG 4 PAGE 13				ABLE FOUND TWISTED AT	ND OVERLAPPED BETWEE	N AILERON S	SECTOR AND THE
2710		BBAVIA				CABLE	CROSSED		10/26/93
		8GCBC				12339	AILERON LT		CA931108011
	(-)	IG REPLACEMENT AT A FIG 4 PAGE 13 OF BELL			RY, LT AILERON C.	ABLES FOUND TWISTED A	ND OVERLAPPED BETWEI	EN AILERON	SECTOR AND PULLEY
2742		BEECH			TELEFLEX	ARMATURE	FAILED		11/22/93
		B100			11538011119	8F353	HORIZ STAB ACT		CA931126008
	(CAN) HORIZONT ARMATURE.	AL STABILIZER ACTUA	ATOR INTERMITTEN	Г. INSPECTION OF PI	RIMARY MOTOR SE	IOWED WINDINGS LOOSE	FROM COMMUTATOR CA	USING DEAD	SPOT ON
2750		BEECH	PWA			CABLE	SHEARED		11/27/97
		100BEECH	PT6A28			140774116	RIGHT FLAP		CA971216051
	'					VENT UP. RIGHT SIDE STA AT STRESSED THE CABLES	AYED DOWN. LANDED WIT S.	THOUT INCIL	DENT. CABLE ENDS AT
3150		BEECH	PWA			AMPLIFIER	FAILED	10515	3/27/97
		100BEECH	PT6A28			993642461			CA970506001
	(CAN) INTEGRAT	ED CIRCUITS WITHIN T	RIM CONTROL AMP	LIFIER FAILED. NO A	AURAL WARNING C	F TRIM IN MOTION. REPL	ACED.		
3233		BEECH	PWA			PINION SHIM	LOOSE		5/28/97
		A100	PT6A28		99810057651	99810057651	MLG ACTUATOR	1154	CA970603010
	(CAN) PINION SHA	AFT LOOSE AFTER SHO	ORT TIME IN SERVICE	Ξ.					
3233		BEECH	PWA			ACTUATOR	FAILED		5/28/97
		A100	PT6A28		99810057652	99810057652	MLG	1578	CA970603011
	(CAN) ACTUATOR	R FAILED. PART TC: 2,4	496.						
3233		ВЕЕСН	PWA		AVIADESIGN	PISTON ROD	CORROSION	719	5/13/97
		A100	PT6A28		ADI79990033	ADI79990035	MLG		CA970520004
	(CAN) PISTON RO	D FOUND CORRODED A	AT CONTACT POINT	OF FELT WIPER IN D	OWN POSITION. RI	EPLACED. PART TC: 879.			
3233		ВЕЕСН	PWA			PINION GEAR	LOOSE		11/27/97
		A100	PT6A28		508202085	ALG3871	NOSE GEAR	232	CA971216063
	(CAN) INTRANSIT	LIGHT ON IN-FLIGHT.	LANDED OK. NOSE	ACTUATOR HAD EX	CESSIVE PLAY IN T	THE PINION GEAR AND WA	AS VERY NOISY. PART TC:	317.	
3260	· · · · ·	ВЕЕСН	PWA			WIRE	BROKEN		5/7/97
- = * *		A100	PT6A34			·· 	RT MLG DOWN		CA970513011
	(-),		SELECTED THE GEA			ED NORMALLY, EXCEPT	RT GEAR DOWN LIGHT FA	ILED TO ILL	
3610		ВЕЕСН	PWA			DUCT	MISALIGNED		11/25/97
		A100	PT6A28				BLEED AIR		CA971216059
	(CAN) BLEED AIR	DUCTS FOUND MISAL		COPILOT'S FLOOR AF	TER MAINTENANC	F.			

INTERNATIONAL	SERVICE DIFFICUL	TY REPORT SUMMARY	- AIRCRAFT (cont'd)
	. SER VILE DIFFIL UI	ALL REFURL SURVIVIANT	- AINCNAFT (COM (I)

4/26/98 To 5/2/98 ISSUE: 98-18 ZAC-327

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
5311		BEECH	PWA			FRAME	CRACKED	14240	7/22/97
		A100	PT6A28			5042002857			CA970728001
	'	STN 207 APPROX EIGH TT: 13,917 HOURS.	T INCHES ABOVE FL	OOR LEVEL ON LT S	IDE CRACKED FRO	M LOWER TWO LIGHTING	HOLES TO THE STRINGER	CUT-OUT.	REPAIRED. PART TC:
5330		ВЕЕСН	PWA			SKIN	CRACKED	17413	11/14/97
		A100	PT6A28				BELLY		CA971216053
	(CAN) AIRCRAFT TT: 17,540 HOURS		D ON THE BOTTOM C	OF FUSELAGE AFT OF	THE MAIN SPAR C	N EACH OUTBOARD SIDE.	CRACKS OUTSIDE OF BE	LLY SPLICE I	PLATES. AIRCRAFT
5520		BEECH	PWA			CASTING	CRACKED		2/19/97
		100BEECH	PT6A28			115610010325	ELEV		CA970306002
	(CAN) ELEVATOR	ATTACH CASTING CR	ACKED FROM INBOA	ARD TAPER HOLE TO	INBOARD EDGE O	F CASTING. REPLACED. F	PART TT: 18,624 HOURS.		
5610		BEECH	PWA		PPG	WINDSHIELD	BURNED	1415	10/22/93
		A100	PT6A28			BA2918	LT COCKPIT		CA931108204
		D HEAT STRIP WHERE	IT ENTERS WINDSHI			HOURS.	VEEN WINDSHIELD HEAT	POWER CON	
5610		BEECH	PWA			WINDOW	BUBBLED		12/10/97
		A100	PT6A28			50420066437	PILOT SIDE		CA971216066
	(CAN) PILOTS SID	E WINDOW FOUND BU	BBLED ON THE EDG	E OF THE WINDSHIE	LD.				
5751		BEECH	PWA			SKIN	CRACKED	10982	11/18/96
		A100	PT6A28			991300009	LT-RT AILERON		CA961203007
	(CAN) LEFT AILEF 99-13000-197 AND		ER SKINS CRACKED A	ALONG SPAR AT TRA	ILING EDGE OF LEA	ADING EDGE SKIN. RIGHT	AILERON LOWER SKIN CF	RACKED SAM	IE PLACE. ALSO, P/N
5753		BEECH	PWA			SPAR	CRACKED	9988	10/28/96
		A100	PT6A28		5016000396	5016000354	INB FLAP TRACK		CA961030002
		AR CUTOUT WHICH TH RADIUS BETWEEN THE					S FOUND, EXTENDING FRO	OM THE TOP	INBOARD CORNER
5753		BEECH	PWA			SPAR	CRACKED	9695	10/25/96
		A100	PT6A28		5016000396	5016000354	LEFT INB FLAP		CA961029006
	(-)	- ,					ARD FLAP TRACK ATTACH IUS. PART TC: 10,304. AIR		
7540		BEECH	PWA			LINE	MELTED		11/20/97
		A100	PT6A28				BLEED WARN		CA971216056
	(CAN) BLEED AIR BOX.	WARNING LINE HAD	MELTED WHICH GAV	E READING OF BLEF	ED AIR FAIL LIGHT.	NO FAILURE OF BLEED A	IR SYSTEM JUST LACK OF	INSULATIO	N BY DISTRIBUTION
2110		BEECH	PWA			COMPRESSOR	FAILED		3/22/96
		200BEECH	PT6A41		1138000	1138000	CABIN AIR COND		AU960426
							BEARING COLLAPSED - C CONTRIBUTING TO THE V		CLUTCH SECTION

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2915		BEECH	PWA			VALVE	FAILED	4462	1/31/97
		200BEECH	PT6A41		MS28893C6	MS28893C6	HYD PRESS RELIEF		CA970523003
	` /	IC PUMP WAS OBSERVI VALVE CHANGED.	ED RUNNING CONTI	NOUSLY. MAINTENA	NCE FOUND THE T	HERMAL PRESSURE RELI	EF VALVE TO BE OPENING A	AT 1200 PSI	INSTEAD OF THE
3230		BEECH	PWA			CONNECTOR	CORRODED	308	4/28/97
		200BEECH	PT6A41			1225P363	MLG		CA970513024
	HYD PUMP RED L	IGHT WOULD NOT CO	ME ON. STILL HAD T	THREE GREEN GEAR	SAFE LIGHTS. FLY	-BY TOWER CONFIRMED	ECTIONS, BUT THE GEAR WO GEAR DOWN. LANDED AND CIRCUIT BREAKER RESET,	A/C HANG	ARED AND FOUND 60
3260		BEECH	PWA			SWITCH	FAILED		12/17/96
		200BEECH	PT6A41			1003810061	NLG DOWNLOCK		CA961231001
	TORQUE, GEAR W	· · · · · · · · · · · · · · · · · · ·	D SOUND AND GEAF	R IN-TRANSIT LIGHT	CAME ON. NOSE G	EAR DOWNLOCK MICROS	HEN POWER LEVERS WERE WITCH NOT FULLY DEPRES		
3260		BEECH	PWA			SWITCH	FAILED	811	11/26/96
		B200C	PT6A42			1003810061	NOSE GEAR		CA961218005
	WAS DOWN AND		ILOT HAD TO DO SE	VERAL GEAR CYCLE			SE GEAR GREEN LIGHT DID E GEAR DOWN AND LOCKE		
3260		BEECH	CONT			CONNECTOR	LOOSE		10/30/97
		A36	IO550B			2078101	NLG DOWNLOCK		CA971106002
	CONNECTOR FRO	*	E ENGINE COMPART				UBLESHOOTING REVEALED HE PLASTIC TAB LOCK RINC		
3230		BEECH	CONT			SWITCH	FROZEN		11/22/93
		E55	IO520C			BZ3AT	LDG GEAR SAFETY		CA931129005
	(CAN) ON TAKEO	FF, GEAR FAILED TO R	ETRACT. LT MLG SA	AFETY SWITCH FROZ	EN. AIRCRAFT HA	D JUST BEEN WASHED AN	D OAT WAS -31 DEGREES CI	ELSIUS.	
3222		BEECH	CONT			STRUT	CRACKED	2454	3/24/97
		58	IO520C		96B200163	96B200163	NLG		CA970401014
	(CAN) CRACK FO	UND IN OLEO TO STRU		CED.					
3230		ВЕЕСН				ACTUATOR	STICKY		10/31/93
3230		70				MC2711	LIMIT SWITCH		CA931105301
	(CAN) LANDING (GEAR FAILED TO RETR	ACT INSPECTION E	OUND UPLIMIT SWIT	CH ACTHATOR ST		LIMIT SWITCH		CA931103301
2721	(CAIT) LAITDING (OUND OI LIMIT SWIT	CITACTUATORSI		MIGGING		2/10/07
2721		BEECH	PWA			BOLT	MISSING		3/18/97
	'			,			RUDDER TAB A ROLL TO THE RIGHT. CC FRIM TAB TO ACTUATOR BO		
5522		ВЕЕСН	PWA			SKIN	CRACKED	10829	5/7/97
		B90	PT6A20			50610000295	ELEV	-0027	CA970513010
	,		LEVATOR AND STA			H CRACK WAS FOUND IN	THE ELEVATOR UPPER SKIN	BARREL T	

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
5753		BEECH	PWA			SPAR	CRACKED	11239	10/25/96
		65A90	PT6A20		5016000396	5016000354	LT INB FLAP		CA961029007
	` '	RIVET. A LARGER CRA					NBOARD FLAP TRACK ATTA OARD IN THE UPPER SPAR R		
5753		BEECH	PWA			SPAR	CRACKED	12763	10/28/96
		65A90	PT6A20		5016000396	5016000354	INB FLAP TRACK		CA961030001
		RD FLAP TRACK CUTOU PART TC: 16,223. AIRC			S EXTENDING FRO	M THE TOP CORNERS OF T	THE CUTOUT INTO THE BEN	D RADIUS.	EACH CRACK ABOUT
5753		ВЕЕСН	PWA			SPARS	CRACKED	10847	10/28/96
		65A90	PT6A20		5016000396	5016000354	LT/RT FLAP		CA961104007
	` /	OARD FLAP SPARS WER R IS A 50-160003-55. PA				RE LOCATED AT THE ARE	EA WHERE THE BRACKET FO	R THE ROI	LLERS ATTACH.
5753		BEECH	PWA			SPAR	CRACKED	11837	10/31/96
		65A90	PT6A20		5016000396	5016000354	LT INB FLAP		CA961113006
	(CAN) LEFT INBOA	ARD FLAP SPAR FOUN	D WITH A CRACK AT	THE INBOARD ARE	A WHERE THE BRA	CKET ROLLERS ATTACH.	PART TC: 11,398. AIRCRAFT	TT: 11,883	HOURS.
2752		ВЕЕСН	PWA			GEAR	WORN		11/19/97
		B99	PT6A28		505212224	AFA3841	FLAP ACTUATOR		CA971216055
	(CAN) INNER WOF	RM GEAR TEETH OF FL	AP ACTUATOR FOU	ND WORN. EXCESSIV	VE PLAY IN 90 DEGI	REE DRIVE.			
2913		BEECH	PWA			COUPLER	STRIPPED	2775	11/19/97
		B99	PT6A28		9938800211	115811026	GEAR MOTOR		CA971216054
	(CAN) COUPLER B USED. PART TC:		EAR MOTOR AND HY	DRAULIC POWER PA	ACK THREADS STRI	PPED. COULD NOT RETRA	ACT OR EXTEND GEAR WITH	MOTOR. 1	EMERGENCY SYSTEM
3260		BEECH	PWA			SWITCH	FAILED		12/10/97
		99A	PT6A28			404EN516	LT MLG		CA971216064
	(CAN) LEFT MAIN	NOT INDICATING SAF	FE. POSITION SWITC	H REPLACED.					
5711		BEECH	PWA			SPAR	FAILED	30219	12/6/96
		99	PT6A20				RIGHT WING		CA961218006
	(CAN) ON LANDIN	NG, THERE WAS A MAJ	OR FAILURE OF THE	RIGHT WING STRUC	TURE BETWEEN TH	HE NACELLE AND THE FU	SELAGE. TSB INVESTIGATIN	NG. PART	ГС: 22,672.
5740		BEECH	PWA			BOLT	CRACKED		11/10/93
		99	PT6A27			114255S	RT UPPER FORWARD		CA931125302
	(CAN) COMPLYIN ACFT TT: 41,848 F		ING ATTACH BOLT	NDT CHECKED WITH	H DYE PEN AND FOU	UND CRACKED. BOLT SEN	NT OUT FOR SEPARATE ANA	LYSIS AND	CRACK VERFIED.
7160		BNORM	LYC		LYC	HOSE	FAULTY		3/28/96
		BN2B20	IO540K1B5		IO540K1B5	352002034	ACFT,ENG AIR INT		AU960431
	(AUS) RH ENGINE	INDUCTION HOSE INT	ERNAL WIRE SEPAR	ATING FROM HOSE -	FOUND DURING I	NSPECTION IAW AD/BN2/5	7		
5321		CESSNA				FLOOR PAN	CRACKED	4370	11/6/93
		150L				411342	SEAT RAILS		CA931119104
	(CAN) FLOOR PAN		MATELY 2 INCHES L	ONG AT FORWARD E	ND OF 3 OUT OF 4 S	EAT RAILS. AIRCRAFT TI			

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
5730		CESSNA				WINGS	CORRODED		11/22/93
		170B					LDG EDGE		CA931126007
	'					N STALL LEADING EDGE IOR TO INSTALLATION O	KIT. LEADING EDGE REMOV F KIT.	ED AND C	CORROSION BAD
2430		CESSNA				WIRE	SHORTED		11/2/93
		172M					OVERVOLTAGE LAMP		CA931121401
	'					ESET AND ELECTRICAL F IIS CAUSED CIRCUIT BRE	POWER RESTORED. ALTERNA AKER TO TRIP.	TOR SHO	WED OVERCHARGE.
2730		CESSNA				BRACKET	CRACKED	2428	10/26/93
		172F				513633	ELEV BELLCRANK		CA931112608
	(CAN) ELEVATOR AIRCRAFT.	BELLCRANK BRACKE	T FOUND CRACKED.	WHEN BRACKET RE	EMOVED, SEVERAL	OTHER CRACKS NOTED.	THIS IS SECOND TIME THIS V	VAS FOUN	ID ON SIMILAR
2750		CESSNA		MCAULY		TRACK	CRACKED		9/5/96
		172M		1C160DTM		052323113	TE FLAP		CA961009009
	(CAN) FLAP TRAC	K FOUND CRACKED O	N THE INBOARD SID	E, PROBABLY DUE TO	O A DEFECTIVE ROL	LER BEARING.			
242		CESSNA				BRAKE CALIPER	CRACKED	8000	5/20/93
		172				61319	HYDRAULIC PORTS		CA931029001
	(CAN) BRAKE CAI	LIPER ASSEMBLY LEAF	KING AND CRACKED	AT HYDRAULIC POR	TS. SEVERAL ASSE	MBLIES REPLACED IN LA	ST MONTHS.		
242		CESSNA				BRAKE	CRACKED		4/10/97
		172M				06130019	RT MLG		CA970428011
	(CAN) RIGHT BRA	KE HOUSING CRACKE	D. REPLACED.						
7120		CESSNA	LYC			ENGINE RAIL	CRACKED	15020	6/26/97
		172K	O320E2D			05131323	MT BOLT HOLE		CA970709010
	, ,	AINTENANCE, IT WAS I ENGINE RAIL WAS CRA				CKED. P/N 0513132-3 STR	INGER ASSY IN THE FUSELAC	GE FRONT	SECTION WAS
7160		CESSNA	LYC			CABLE	BROKEN	2830	5/5/97
		172M	O320E2D			5123015	CARB HEAT		CA970523005
	(CAN) CARBURET	OR HEAT CABLE BROK	E OFF 3 INCHES FRO	OM KNOB DURING GF	ROUND CHECK. REP	LACED.			
160		CESSNA	LYC			ARM ASSY	CRACKED	2242	3/3/97
		172P	O320D2J			055018016	CARB HEAT		CA970326006
	(CAN) DURING RU	N-UP, CARBURETOR H	EAT INOPERATIVE.	CARBURETOR HEAT	CONTROL ARM BR	OKEN. REPLACED.			
213		CESSNA				BOLTS	BROKEN		10/21/95
		180C				AN625A	LT MLG AXLE		CA971106001
	(CAN) DURING A I TWO WERE STRIP		EFT MAIN GEAR AX	LE SEPARATED FROM	M THE LANDING GE	AR. TWO OF THE FOUR B	OLTS SECURING THE AXLE	ON THE GI	EAR HAD BROKE AN
7120		CESSNA	CONT			MOUNT	CRACKED	5669	11/10/93
		180J	O470K			751127	LT TOP		CA931129102
	(CAN) LT TOP DIA	GONAL TUBE CRACKE	D. AS IF CUT WITH	TUBE CUTTER. A PI	REVIOUS HORIZONT	TAL TUBE SPLICE MAY H	AVE LED TO EVENTUAL FAIL	URE.	

INTERNATIONAL	SERVICE DIFFICI	JLTY REPORT 9	SUMMARY - A	AIRCRAFT (cont'd)

4/26/98 To 5/2/98 ISSUE: 98-18 ZAC-327

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3213		CESSNA				MAIN GEAR	BROKEN	1616	2/15/97
		182P			07416302	07416302	RT MLG		CA970306001
	(CAN) ON LANDIN FITTING. REPLACE		ED SNOW BANK AN	D SEPARATED AT AX	KLE FITTING. BROK	EN EAR SHOWED SIGNS O	F CORROSION ABOUT 1/3	DIAMETER A	AT INBOARD AXLE
2710		CESSNA				CABLE	WORN	13113	11/18/93
		A185E				5115113	AILERON		CA931125001
	(CAN) AILERON CO	ONTROL CABLE FOUN	D WORN. VERY DIF	FICULT TO SEE.					
2710		CESSNA				CABLE	FRAYED	6181	11/19/93
		A185F				5115	AILERON RT		CA931203002
	(CAN) RT DIRECT	AILERON CABLE FOUN	ND WORN AND FRAY	ED AT WING ROOT	WHERE CABLE TRA	VELS OVER PULLEY.			
2750		CESSNA				CABLE	WORN		11/18/93
		A185E				5115	FLAP		CA931206001
	(CAN) ALL FLAP C	ABLES REPLACED AS	THEY WERE WORN,	P/N'S 0510105-121, 12	2, 163, 164, 326, AND	324.			
3211		CESSNA				BRACKET	CORRODED	6769	12/7/93
		A185E				71349561	LDG GEAR		CA931207015
	(CAN) AIRCRAFT F	PURCHASED FROM SAI	LVAGE OPERATOR F	OR RESTORATION. 1	LANDING GEAR BUI	KHEAD CASTINGS FOUNI	BADLY CORRODED.		
3211		CESSNA				SUPPORT BRACKET	CRACKED	1202	6/26/97
		A185F				071349562	MLG		CA970707006
						BRACKET FOUND CRACK IMPROVED LANDING STR		NG LEG MO	VEMENT. SUBMITTER
3213		CESSNA				GEAR LEG	BROKEN	7672	4/3/97
		A185F				07410016	MLG SKI		CA970520001
	(CAN) ON TAKEOF	F, THE LEG OF THE SK	I EQUIPPED AIRCRA	FT BROKE. POSSIBL	Y PREVIOUSLY CRA	ACKED. REPLACED.			
5313		CESSNA				LONGERON	CRACKED	5017	4/26/97
		A185F				07120486	FUSELAGE		CA970513006
	(CAN) .5 INCH CRA AIRCRAFT TT: 5,0		T REINFORCEMENT I	LONGERON, DUE TO	CORROSION. RT BI	RACKETS 07123021 AND 2 A	AND REINFORCEMENTS 0'	712304-15 Ai	ND 16 REPLACED.
5753		CESSNA				FLAP TRACK	BROKEN		11/19/93
		A185F				1221115	LT INNER		CA931201012
						FRACK TO MOVE, CAUSIN WITH SIMILAR PROBLEMS		FENER AND) SOMETIMES
2750		CESSNA				TAB	BROKEN		7/5/93
		P206D				S2951	FLAPS		CA931109102
	(CAN) FLAP CABLE	E SEIZED AND BROKE	TAB ON PUSH-PULL	CONTROL, JAMMING	G FLAP MECHANISM	I IN DOWN POSITION.			
2821		CESSNA				SCREEN	BLOCKED		11/5/93
		U206G				152675	FUEL OUTLET RT		CA931115203
	TIMES AIRCRAFT I	IN CLIMB, AND RT TAI	NK SELECTED WITH FEW MONTHS PREV	1/4 FUEL INDICATED IOUS AND HAD BEE	D. FOUND RT AFT FU	CHED AND NOSE LOWERE JEL OUTLET SCREEN 80 TO EEN CLAMP WAS INSTALL	O 90 PERCENT PLUGGED V	VITH FUEL 7	TANK SEALING

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3246		CESSNA			EDO	BUMPER ATTACH	MISSING		10/25/93
		U206F			5023430		LEFT FLOAT		CA931115006
	(- ')					D ITS ATTACHMENT WAS OSE BUT AIRCRAFT CAPS	APPARENTLY DAMAGED. IZED.	DURING TA	XI, IT FELL OFF AND
3710		CESSNA	CONT			VACUUM PUMP	SEIZED	282	11/5/93
		U206G	IO520F			212CW	SHAFT		CA931116006
	(CAN) VACUUM P	PUMP (REBUILT) SEIZEI	O AFTER ONLY TWO	MONTHS AND 281.8 I	HOURS OF OPERAT	ION.			
5540		CESSNA				BEARING	WORN	7677	12/3/96
		208B				MS244624	RUDDER		CA970702010
	(CAN) RUDDER NO 8,200 HOURS.	OTICED TO BE RESTING	G LOWER THAN NO	RMAL. INSPECTION F	OUND THE UPPER I	BEARING HAD BECOME SI	EVERELY WORN. ALL BEA	RINGS REPL	ACED. AIRCRAF TT:
5720		CESSNA	CONT			DOUBLERS	CRACKED	2826	5/7/97
		210F	IO520A			1214223	RT LT WELLS		CA970520007
	(CAN) CRACKS FO REPLACED.	OUND ON AFT GEAR W	ELL BULKHEAD DOU	UBLERS LT AND RT W	ELLS. CRACKS EX	TEND AROUND BOLT HOL	ES AND RUN VERTICAL O	N DOUBLER:	S. DOUBLERS
3260		CESSNA				MICROSWITCH	FAULTY		4/2/96
		310R				JE1	LG POSITION IND		AU960428
	(AUS) RH MAIN L	ANDING GEAR DOWNL	OCK MICROSWITCH	I ACTUATOR LEAF BR	ROKEN OFF				
3246		CESSNA	CONT		CLEVELAND	WHEEL	CRACKED	4055	11/12/93
		337B	IO360C			1613	LT MLG		CA931203502
	'					OF INNER CIRCUMFEREN ESSIVE HEAT FROM BRAK	CE OF INNER HALF OF WHI KE DISC.	EEL. A SMA	LL HOLE HAD
2730		CESSNA	CONT			BOLT	BENT		11/22/93
		340CESSNA	TSIO520N			AN414	ELEV BELLCRANK		CA931124101
	(CAN) PIVOT BOL	T ON ELEVATOR BELL	CRANK FOUND BEN	T. POSSIBLY CAUSEI	BY WIND GUSTS (OR PROP WASH. PIVOT BO	LT BLOCK ALSO DAMAGE	D.	
2823		CESSNA				FUEL SELECTOR	BROKEN		10/20/93
		421A				515746	RT FUEL SELECT		CA931026201
	` '	OT ATTEMPTED TO SEL EPLACED IN LATER MO		*	ROTATED, BUT DI	D NOT ENGAGE. 3 TEETH	FOUND BROKEN ON LARG	E GEAR. TH	IS GEAR IS PLASTIC
2120		CESSNA	PWA			CLAMP	LOOSE	8909	10/11/93
		550	JT15D4		CM357020	OS2M4S	ACM DUCT		CA931020101
	(CAN) HOSE CLAN	MP IN AIR CONDITIONI	NG SYSTEM CAME L	OOSE ON ACM TO DU	JCT ASSY - CABIN A	AIR SUPPLY CREATING LA	RGE PRESSURIZATION LEA	AK. PART TO	C: 12,209.
2121		CESSNA	PWA			MOTOR	SEIZED	3366	10/27/93
		550	JT15D4		BC61A9012	MB38A	CABIN BLOWER		CA931108103
	(CAN) BEARING II 5,129.	N MOTOR OF CABIN O	VERHEAD BLOWER	ASSY SEIZED AND OV	ERHEATED MOTO	R GIVING OFF A SMOKE SM	MELL THROUGHOUT COCK	IPIT AND CA	BIN. PART TC:

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2435		CESSNA	PWA			CAPACITOR ASSY	BURNED	2245	11/6/97
		550	JT15D4			62581038	L/H GENERATOR		CA971117011
	PROBLEMS, BUT I	EVERYTHING WAS NOT ING SOME WIRING IN	RMAL. AFTER REMO	OVING THE LT LOWER	R ENGINE COWLING	G TO DO A VISUAL, IT WA	PERSONNEL RAN THE ENG S NOTICED THAT THE CAP CH OPENED THE CIRCUIT. T	ACITOR ASS	Y WAS BADLY
2731		CESSNA				TRIM ACTUATOR	FAULTY		8/24/96
		550				511523128EX	ELEV		CA960924015
	SERVICEABLE BU	T AFTER INSTALLATION	ON, RIGGING, AND T	ENSIONING, THERE V	VAS A METALLIC G	RINDING NOISE COMING	N 056-28 WAS RECEIVED AN FROM INSIDE THE UNIT. FO THAT SHOULD HAVE BEEN	OUND THE C	CABLE WAS WOUND
5210		CESSNA	PWA			SEAL	MALFUNCTIONED		9/4/96
		550	JT15D4				CABIN DOOR		CA960923003
	ALTITUDE. AIRCI	*	*				AIRCRAFT CABIN ALTITU HOUT FAULTS. DOOR SEAI		
5210		CESSNA	PWA			VALVE	FAILED		7/8/96
		550	JT15D4				DOOR SEAL		CA960923002
	ALTERNATE SITE		ND MOISTURE TRAP	PED IN DOOR SEAL A	IR SUPPLY LINE. PU		ED AND DONNED, AIRCRAF GINE TO SUPPLY BLEED AIR		
5210		CESSNA	PWA			DOOR SEAL	LEAKING		6/19/96
		550	JT15D4				CABIN		CA960923026
	RUN-UP RT ENGIN		*				O DOOR SEAL LEAKING AN SYSTEM TO PURGE OFF WA		
2710		CESSNA				QUADRANT	CRACKED	15055	7/17/96
		501				55653813	LT AILERON		CA960715004
			•			ED. AS A PRECAUTION, T CEABLE. PART TC: 18,996	ΓΗΕ RT QUADRANT WAS IN	ISPECTED A	S WELL. THE LT
2810		DHAV				FUEL TANK	CRACKED	11995	11/9/93
		DHC2MK1				C2PT2A	CENTER		CA931116004
	(CAN) CENTER FU	EL TANK LEAKING. (ONE INCH CRACK ON	N TOP OF TANK ADJA	CENT TO METAL HO	OLD DOWN STRAP.			
3213		DHAV				PIN	SHEARED		10/26/93
		DHC3				H8363	OLEO		CA931109104
	WAS POSITIVE ON		EL RETRACTED AND	THE FLOAT WAS DA			ICATION. ALSO, WITH LAN IE OLEO SHEARED AND AL		
3246		DHAV				TIE BAR	CORRODED		11/4/93
		DHC3					OUTER END		CA931108104
		AR INSTALLED ON 8 M EATMENT. NEW BAR			HING AND ALUMIN	UM ALLOY BAR. SUSPEC	T DISSIMILAR METAL COR	ROSION POS	SSIBLE HEAT TREAT

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7120		DHAV	PWA			ENGINE MOUNT	CRACKED	99	6/14/93
		DHC3	R1340*			C3EM2A	UPPER LT		CA930624301
	(CAN) ENGINE MO	UNT SUPPORT RING C	CRACKED BETWEEN	COWL SUPPORT BRA	CKET AND LT SUPP	ORT 'V' RUNNING HALF W	AY AROUND TUBE. SB 3/99	CARRIED	OUT 99 HRS PRIOR.
2410		DHAV	PWA		WOODWARD	CSD	FAULTY	1755	10/9/93
		DHC6300	PT6A27			8214	PIVOT BEARING		CA931029410
	,	SPECTION OF ENGINE PIVOT BEARING. GO					HAVE COME FROM THE CO	NSTANT S	PEED GOVERNOR
2410		DHAV	PWA		WOODWARD	CSD	FAULTY	1750	10/9/93
		DHC6300	PT6A27			8214	PIVOT BEARING		CA931029411
	,	SPECTION OF ENGINE VER PIVOT BEARING.					JND TO HAVE COME FROM	THE CONS	STANT SPEED
2710		DHAV	PWA			BEARING	STICKING		11/24/93
		DHC6300	PT6A27				AUTOPILOT		CA931126005
	(CAN) DEFECT FOR	UND DURING FUNCTION	ON CHECK OF FLIGH	T CONTROLS EXCESS	SIVE BEARING NOIS	E AND SLIGHT STICKING	OF CONTROL COLUMN DUR	ING AILE	RON MOVEMENT.
2720		DHAV	PWA			RUDDER STOP	DEBONDED		10/27/93
		DHC6300	PT6A27			C6FS18379	LT STOP		CA931123502
	` /	STOP AND ALLOWING	· · · · · · · · · · · · · · · · · · ·				. LT RUDDER STOP HAD DE ALLOWED A FAIRING TO CO		
5270		DHAV	PWA			SWITCH	ADJUSTMENT		11/1/93
		DHC6200	PT6A20			MS25261	DOOR UNLOCK		CA931118002
	(CAN) DOOR UNLO	OCK CAUTION LIGHT (CAME ON AFTER TAI	KEOFF - ADJUSTED. A	ACFT TT: 5,270 HOU	RS.			
5311		DHAV	PWA			FRAME	CRACKED		6/8/93
		DHC6100	PT6A20			C6PSM2528S12	STA 239.88		CA931124002
	(CAN) RIGHT FRAM	ME AT STA 239.88 CRA	CKED AT 3 PLACES	AND CORRODED AT I	BOTTOM ATTACH P	OINT. CRACKS AT RIVET	LINE. AIRCRAFT TT: 5,638 F	HOURS.	
5511		DHAV	PWA			SPAR	CRACKED	28711	9/17/93
		DHC6300	PT6A27				HORIZ STAB		CA931029409
	(CAN) HORIZONTA	AL STAB CENTERE FRO	ONT SPAR CRACKED	. PART TC: 42,588.					
2820		DIAMON				FUEL HOSE	BENT		10/31/97
		DA20A1				FP160B01BXXC0360	FUEL PUMP SWAGE		CA971106004
	(CAN) BRACKET A	T ENGINE DRIVEN PU	MP OF FUEL SUPPLY	LINE FOUND BENT A	AND WILL NOT FIT T	THE AIRCRAFT. SUBMITTE	ER SCRAPPED HOSES.		
2820		DIAMON				FUEL LINE	SWOLLEN		10/30/97
		DA20A1				EP160B01BXXC0360	FUEL PUMP SWAGE		CA971106003
	(CAN) EIGHT INCH	HOSE RECEIVED FRO	M MANUFACTURER	NEW. FLOW TEST FO	OUND TO HAVE RES	STRICTIONS CAUSING A FA	AN PATTERN IN THE FLOW.		
3250		MOONEY				LINK	BROKEN	1308	10/5/93
		M20K				F3414MPB	NOSE GEAR STEERG		CA931104501
	(CAN) ON INSPECT STEERING LIMITS	- ',	EAR STEERING LINK	P/N F3414MPB AND PA	'N REM 3-42 BENT A	ND BROKEN. ALSO, NOSE	GEAR ASSY BENT. SUSPEC	T EXCEEI	DED TOWING

INTERNATIONAL	SERVICE DIFFICULTY	Z REPORT SUMMARY	- AIRCRAFT (cont'd)

4/26/98 To 5/2/98 ISSUE: 98-18 ZAC-327

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO	
2610		MTSBSI				INSULATOR	MISSING	9128	6/25/97	
		MU2B35					BULKHEAD CONNECT		CA970702001	
	(CAN) ON LANDING, THE LEFT ENGINE FIRE WARNING LIGHT ILLUMINATED. INVESTGATION FOUND NO FIRE BUT REVEALED A MISSING INSULATOR INSIDE THE BULKHEAD CONNECTOR. SUBMITTER BELIEVES IT PROBABLY FELL OUT DURING ENGINE INSTALLATION 34 HOURS EARLIER.									
730		PILATS				SKIN	DAMAGED		3/23/98	
		PC12					LT & RT WING		CA980331009	
	(CAN) AIRCRAFT CRUISING AT FL 280 FOR APPROX 4.5 HOURS. ON DESCENT AT 2,500 FEET A LOUD BANG WAS HEARD. THE PILOT NOTICED BOTH TOP SURFACES OF THE WINGS WEF CAVED IN. LANDING SUCCESSFULLY CARRIED OUT. GROUND INSPECTION REVEALED APPROX A 2 INCH DEPRESSION ON THE SKINS. A MANDATORY SB 28-003 HAD BEEN CARRIED OUT IN DEC 1997. FUEL WAS NOTICED LEAKING FROM POPPED RIVETS. FUEL VENT SYSTEM SEEMED OK ON GROUND. AD SUBSEQUENTLY RELEASED TO DIRECT THE DRILLING OF SMALL HOLES IN THE FILLER CAPS (98-086).									
602		PIPER				CABLE	BROKEN	1710	6/13/97	
		PA60600				6000251	MIXTURE		CA970709004	
	(CAN) DURING INSPECTION, THE RIGHT HAND MIXTURE CONTROL CABLE WAS FOUND TO HAVE A BROKEN GUIDE TUBE JUST BEFORE THE ROD END AT THE FUEL INJECTOR. THE SWIVEL CRIMP HAD LET GO EXPOSING THE INNER CABLE AND ALLOWING IT TO COME OUT OF ITS GUIDE TUBE. CABLE REPLACED.									
740		PIPER				SPRING	WORN		4/28/97	
		PA23250				3314902	STAB BUNGEE		CA970506016	
	(CAN) STABILATOR BUNGEE SPRING WORN CORRODED AND WEAK. WIRE DIAMETER OF LOOP FLATTENED WHERE LOOP CONTACT IS MADE WITH HOOKING HOLE. SPRING WIRE REDUCED BY 50 PERCENT. LOOP AT OTHER END SHOWS SIGNS OF HARDENING AND SURFACE CORROSION. REPLACED.									
260		PIPER				CONNECTOR	DISCONNECTED	5997	6/7/97	
		PA23250					GEAR SWITCH		CA970612013	
	(CAN) AIRCRAFT WAS DESCENDING AND SELECTED GEAR, BUT DID NOT GET A DOWN AND LOCKED SIGNAL. VERIFICATION WAS CARRIED OUT FOR DOWN AND LOCKED AND AIRCRAFT LANDED. INSPECTION FOUND THE CONNECTOR WIRE BUNDLE DISCONNECTED. NO APPARENT REASON.									
330		PIPER				RUBBER EXTRUSION	MISSING	6913	4/17/97	
		PA23250				1974500	WING/FUSELAGE		CA970505015	
	(CAN) FRETTING WHERE WING TO FUSELAGE FAIRING ATTACHES TO WING AND FUSELAGE, NO RUBBER CHAFING STRIPS INSTALLED. STRIPS INSTALLED. PART TT: 6,957 HOURS.									
310		PIPER				EXHAUST STACK	BROKEN	6971	6/11/97	
		PA23250				3342002	CONNECTOR		CA970618022	
	(CAN) INSPECTION FOUND THE EXHAUST CROSSOVER PIPE BROKEN AT THE SHROUD. ALSO, THE ALTERNATE AIR SPRING DOOR MISSING. HINGE BROKEN. DOOR FOUND IN BOTTO! OF AIR BOX.									
213		PIPER	LYC			GEAR LEG	CRACKED		10/22/93	
		PA28140	O320E2A			653194	TORQUE LINK BOSS		CA931119601	
	(CAN) DURING INSPECTION BOTH MAIN GEAR LEGS FOUND CRACKED AT TORQUE LINK ATTACHMENT BOSS. SERVICE LETTER 760 REFERS.									
260		PIPER	LYC			WIRE	BROKEN		10/15/93	
		PA28R200	IO360C1C				MLG INDICATION		CA931201011	
	(CAN) BROKEN WIRE ON LANDING GEAR POSITION INDICATOR. NO INDICATION.									
531		PIPER	LYC			RIBS	CORRODED	4509	6/7/97	
		PA28160	O320B2B			6697200	INTERNALV STAB		CA970618001	
	(CAN) VERTICAL HOURS.			NG. THE TWO RIBS F	P/N 66972-00 AND 63.		ODED AND NEEDED REPLA	CING. AIF		

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO		
5730		PIPER	LYC			SKIN ASSY	CRACKED	4886	10/12/93		
		PA28140	O320E3D		6206200	62612	WING WALK		CA931029403		
	(CAN) WING WALK VERY SPONGY. PART 62061-02 CRACKED ALONG CORRUGATIONS. PART 62063-00 ALSO CRACKED.										
5730		PIPER	LYC			PAN	CRACKED	8029	11/30/93		
		PA28140	O320E3D			6262	WING WALK		CA931207002		
	(CAN) WING WALK VERY SPONGY. PAN 62062-00, PART OF 62061-02 ASSY, CRACKED ALONG CORRUGATIONS. AIRCRAFT TT: 9,017 HOURS.										
2510		PIPER	LYC			SEAT SPRING	WEAK	7210	7/19/97		
		PA31				1933600	CAPTS SEAT		CA970728020		
	(CAN) ON TAKEOFF ROLL, THE PILOT'S SEAT SLIPPED REARWARD. INVESTIGATION FOUND THE SPRINGS HOLDING THE LOCKING PINS INTO POSITION TO BE WEAK. SUBMITTER RECOMMENDS REGULAR INSPECTION.										
2730		PIPER				SPRING	BROKEN	5728	2/24/97		
		PA31350				71056002	ELEV		CA970306007		
	(CAN) ELEVATOR CONTROL DOWN SPRING DISCONNECTED AND BROKEN IN CENTER. REPLACED.										
2822		PIPER			ROMEC	FUEL PUMP	FAILED		5/23/97		
		PA31350			RG9080J4A	RG9080J4A	ENGINE	65	CA970603026		
2220		, GROUND RUN SERVI		M ON ENGINE, BELC	JW ARO LINE, WITE		O UNSTABLE AT 42 TO 44 PS	WIII BO			
3220		PIPER				HOUSING ASSY	CRACKED		11/23/93		
		PA31				4273	STEERING LT STOP		CA931123501		
	(CAN) NOSE GEAR	R TOWING STOP LIMIT,	, WHEN EXCEEDED,	OVERSTRESSES STRU	JT HOUSING ASSY (CAUSING CRACKS.					
3230		PIPER				FORK	BROKEN		3/27/97		
		PA31				41789000	RT MLG		CA970408015		
	(CAN) RIGHT MAI	(CAN) RIGHT MAIN LANDING GEAR REMAINED DOWN AND LOCKED ON RETRACTION. RT MLG LOCK ROD FORK BROKE POSSIBLY ON UP SELECTION. REPLACED.									
3242		PIPER			CLEVLAND	SHIM	MISSING		5/8/97		
		PA31350			19983	6830	BRAKE		CA970520014		
	(CAN) WHEELS AND BRAKES PREVIOUSLY MODIFIED PER STC AND DWGS. DUE FOR 100 HR INSP. RT BRAKE FOUND LEAKING, O-RINGS. RT SIDE BOTH BRAKES O-RINGS FOUND FRIE ONTO CASING AND STICKING TO PISTONS. SHIM PIPER 762421, CLEVLAND 68-30, MISSING ON ONE BRAKE AND HOME MADE METAL SHIMS FOUND ON TWO LININGS AND MISSING ON THIRD. LT, BOTH SHIMS MISSING, O-RINGS HEATED. NO LOCK WASHERS ON BOLTS. REPLACED.										
5210		PIPER				NUT CHANNEL	DETACHED	7130	6/6/97		
		PA31				404835	DOOR AFT CORNER		CA970612012		
	(CAN) THE UPPER PORTION OF THE REAR DOOR OPENED IN FLIGHT AFTER STARTING DESCENT. THE DOORS WERE POSITIVELY CLOSED PRIOR TO START OF FLIGHT. INSPECTION FOUND THE NUT CHANNEL TO HAVE FALLEN OFF THE DOOR FRAME ALLOWING THE DOOR TO OPEN PART WAY. AIRCRAFT TT: 7,240 HOURS.										
5510		PIPER				VORTEX GEN	MISSING	957	5/12/97		
		PA31350				1001	HORIZ STAB		CA970523012		
	(CAN) VORTEX GEN MISSING ON TOP OF WING STN 174.5 AND BOTTOM OF RT STAB AT STN BL 9 8.25. SUBMITTER STATED POSSIBLY LOOSENED DURING WASHING AND FELL OFF DURING TAXI OR FLIGHT. VG ON STAB IS PARTLY ON CORNER OF TRIM PANEL. AIRCRAFT TT: 10,273 HOURS.										
5521		PIPER				SPARS	CRACKED	8934	6/21/97		
3321											
0021		PA31350				5423224	ELEVATORS		CA970709005		

INTERNATIONAL	SERVICE DIFFICULT	TY REPORT SUMMARY	- AIRCRAFT (cont'd)
INTERNATIONAL		I I KLI OKI BUMMAKI	- AIICKAI I (COIICU)

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
5521		PIPER				SPAR	CRACKED	7604	6/20/97
		PA31350				5423224	ELEVATORS		CA970703001
	(CAN) WHILE COM	MPLYING WITH PIPER	SB 998, BOTH ELEVA	OR SPARS WERE FO	UND CRACKED. RE	PAIRS COMPLETED. AIRC	CRAFT TT: 7,498 HOURS.		
8120		PIPER	LYC			TURBOCHARGER	SEIZED	1156	11/12/93
		PA31310	TIO540A2C			466192	NR 2 ENGINE		CA931201201
	(- ')					, -	N YAWING TO THE RIGHT. CHARGER SEIZED DUE TO B	,	,
3230		PIPER	LYC			ROD END BEARING	BROKEN	2016	11/24/93
		PA32RT300	IO540K1G5			357972	NOSE RETRACT CYL		CA931207010
	(CAN) NOSE LAND POSSIBLY DUE TO		O ON ITS OWN IN CRU	JISE. GEAR RECYCL	ED NO EFFECT. ROI	D END FAILED ON NOSE G	EAR RETRACT CYLINDER.	FAILED IN	THREAD AREA
5210		PIPER				DOOR	DELAMINATED	366	5/22/97
		PA32R301				9699506	LOWER LATCH		CA970530008
	(CAN) AFT CABIN	DOOR SKIN DELAMIN	ATED IN AREA OF FV	VD LOWER LATCH. I	REPAIRED. AIRCRA	FT TT: 266 HOURS.			
7112		PIPER	LYC			BAFFLE	WORN	366	5/22/97
		PA32R301					ENGINE		CA970605007
	'						OF THE THICKNESS OF THE BAFFLE. BAFFLE SECURED.	BAFFLE. S	STATISTICALLY, THE
3222		PIPER				TRUNNION	BROKEN	5982	6/20/97
		PA34200				9572300	NLG LUG		CA970702024
	(CAN) APPROXIMA DEGREES.	ATELY 1.5 INCH SECTI	ON OF THE TRUNNIC	N LUG ON THE RIGH	IT HAND SIDE BROK	E OFF. THIS ALLOWED T	HE NOSE GEAR TO TRACK O	UT OF POS	SITION BY APPROX 15
3230		PIPER				LINK	WORN	349	8/9/93
		PA34200			95713	786676	NLG BUSHINGS		CA931025201
	'	DING GEAR COLLAPSE SHINGS HAD BEEN RE		EE GREEN LIGHTS S	HOWING. SEVERAI	BUSHINGS EXCESSIVELY	Y WORN. SIMILAR OCCURRI	ENCE ONE	E YEAR PREVIOUSLY.
3230		PIPER				SPRING	DETACHED		5/26/97
		PA34200				9617800	NLG		CA970603027
	AFTER TOUCHDO		T DUE TO PERFORAT	ED PRESSURE LINE	NR 95153-43 AFTER (GEAR SELECTED UP. EMI	. A/C LANDED AND NOSE G ERGENCY GEAR DOWN MEC		
3310		PIPER				WIRE COAXIAL	SHORTED	5185	10/28/93
		PA42				65346	COPILT EYEBRWLIT		CA931112203
							DESCENT INITIATED. POWE THIS COAX RUNS FROM POW		
5730		PIPER				SKIN	SMOKING RIVETS	1722	5/15/97
		PA46310P					UPPER WING		CA970707015
	(CAN) FOUND UPP HOURS.	PER AND LOWER WING	S SURFACE SPAR RIV	ETS SMOKING. SUBN	MITTER STATES THA	AT A SIMILAR PROBLEM V	VAS ADDRESSED IN PIPER SI	3 796A. A	IRCRAFT TT: 1,501

INTERNATIONAL	SERVICE DIFFICULT	Y REPORT SUMMARY	AIRCRAFT (cont'd)
INTERNATIONAL	~ 9 CK A ICC DILLICATI	T KEPUK I SUMMAK I	- AIKUKAFI (COILU)

4/26/98 To 5/2/98	ISSUE: 98-18	ZAC-327
-------------------	--------------	---------

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
2750		ZLIN				BOLT	BENT	1451	9/2/97
		Z242L			Z4243430000	677ONL312014	FLAP CONTROL		CA970905001
	` '	LY OF THE FLAP CON' NT. THE OTHER WING				E BOLT ATTACHING THE I	FLAP CONTROL CABLE TO	THE BELLC	RANK WAS BENT AT

(End of INTERNATIONAL SERVICE DIFFICULTY REPORT SUMMARY - AIRCRAFT)

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7314		AEROSP	ALLSN			UNION	CRACKED	1406	9/13/93
		AS355F2	250C20R2			355A523182	FUEL PUMP		CA931020001
	(CAN) ENGINE RE 4 PLACES.	LIGHT TWICE IN 10 SE	CONDS. ACCOMPAN	IED BY A TORQUE SU	JRGE. INVESTIGAT	ION REVEALED MAIN FUEI	L "IN" UNION ON ENGINE	DRIVEN FUE	L PUMP CRACKED IN
5302		BELL				BEAM	CRACKED		8/21/97
		204B					TAILBOOM		CA970902013
	(CAN) TAIL BOOM HOURS.	I ATTACHMENT POINT	T-CAP BEAM FOUN	D CRACKED. SOME F	RIVETS ALSO SHEA	RED. CRACK WAS ALONG	TWO HI-SHEAR RIVET HO	LES. AIRCR	AFT TT: 16,040
2910		BELL	LYC			TUBE	CHAFED		6/19/97
		205A1	T5317A			205076310001	HYD SYS		CA970716001
	` /					E RELATIVE MOVEMENT BI MELL FLUID THAT WAS LEA			
2140		BELL	ALLSN			BLOWER MOTOR	SHEARED		5/28/97
		206B	250C20			C241500E	MOUNTING HOLE		CA970626010
	(CAN) SCREWS SH	HEARED OFF IN MOUN	TING BRACKET.						
2820		BELL	ALLSN			SPRING	MISSING		7/30/97
		206L1	250C28B		206064613001	A1551	RT FUEL CK VALVE		CA970807044
	(CAN) AIRCRAFT	HAD LOW FUEL PRESS	URE LIGHT ON. WH	EN RIGHT HAND CHE	ECK VALVE REMOV	ED, NOTICED THAT SPRING	G WAS MISSING. SPRING	FOUND IN FU	JEL CELL.
2841		BELL	ALLSN			INDICATOR	DEFECTIVE		5/15/97
		206B	250C20			206075189001	FUEL QTY		CA970626008
	(CAN) FUEL QUAN	NTITY INDICATOR INS	TALLED AND FOUNI	OUT OF LIMITS FOR	R CALIBRATION.				
2842		BELL	ALLSN			SENSOR	FAILED		8/13/97
		206B	250C20			EA4703587	FUEL TANK	91	CA970904027
	(CAN) UPPER FUE	(CAN) UPPER FUEL TANK SENDING UNIT STICKING.							
2842		BELL	ALLSN			FUEL SENSOR	INACCURATE		6/20/97
		206B	250C20			EA47083588	FUEL QTY		CA970626013
	(CAN) FUEL QUAN	NTITY DROPPED TO 10	GALLONS AND HEL	D THEN INDICATED 2	ZERO GALLONS.				
3211		BELL	ALLSN			CROSSTUBE	BROKEN		11/16/93
		206B3	250C20B			2651197	AFT		CA931125301
	` /					RAME ATTACHMENT POIN JNTIL THE TUBE BROKE. T	*		
3213		BELL	ALLSN			CROSSTUBE	CRACKED		11/5/93
		206L	250C20			26531921	SADDLE RIVET		CA931119602
	(CAN) DURING AN	(CAN) DURING ANNUAL INSPECTION OF TUBES, CRACKS WERE FOUND AT BOTH SADDLE RIVET AREAS. CRACK ORIGINATE FROM RIVET HOLES.							
3422		BELL				DIRECTIONAL GYRO	BURNT		5/24/97
		206B				200DC	COCKPIT		CA970618013
	(CAN) SMOKE FIL TO TRIP.	LED COCKPIT WHILE	AIRCRAFT WAS ON C	GROUND. DIRECTION	VAL GYRO WAS BUI	RNED INTERNALLY. GYRO	REPLACED ALONG WITH	I CIRCUIT BE	REAKER THAT FAILED

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO	
5313		BELL	ALLSN			LONGERON	CRACKED	13213	11/23/93	
		206B	250C*			263131449	BELOW ENG MT		CA931129006	
	'						-79-29, THE LONGERON WA BE CONFIRMED BY USING I			
5551		BELL	ALLSN			BUSHING	DEBONDED		6/24/97	
		206B	250C20		206020119050	206020122003	RT HORIZ STAB	264	CA970715012	
	'					ES IN BOTH VERTICAL AN ELLIPTICAL RATHER THAI	ND HORIZONTAL DIRECTION CONCENTRIC.	NS BUSHIN	G HAD DEBONDED	
6220		BELL	ALLSN			BEARING	CRACKED		6/13/97	
		206B	250C20		2060101009	206010189001	M/R GRIP		CA970630003	
	(CAN) WHEN REPI	(CAN) WHEN REPLACING GRIPS FOR TX, FOUND BEARING WITH A CRACKED SEPARATOR.								
6220		BELL	ALLSN			STATIC STOP	INCORRECT		7/24/97	
		206B	250C20		206011100021	206011160101	M/R	99	CA970731015	
	` /	(CAN) AIRCRAFT ROUGH IN HOVER AND CLUNKING NOISE HEARD ON SHUTDOWN. INSPECTION SHOWED INCORRECT SHIMMING OF STATIC STOPS ALLOWING FITTING TO ROTATE IN BORE OF YOKE WHICH POUNDED ONTO STATIC STOP, DAMAGING STATIC STOP. PROSEAL FOUND INSIDE YOKE ON RADIUS RINGS AND FITTINGS. SHOULD NOT BE ANY PROSEAL.								
6220		BELL	ALLSN			PINS	WRONG PART	831	7/7/97	
		206L1	250C28B			206011125105	M/R	30	CA970722010	
	(CAN) INCORRECT	Γ PIN INSTALLED, A 20	6B PIN RATHER THA	AN A 206L PIN WAS IN	STALLED.					
6320		BELL	ALLSN			GEARBOX	FAILED	7903	4/26/97	
		206B	250C20B		689171	689171	M/R GR BOX	3033	CA970609006	
	(CAN) METAL FOU LATER. GEARBOX		ORS, MAINLY LOWE	R ONE, AND IN ENGIN	NE AND NICAD FILT	ER. OIL AND FILTERS RE	PLACED. SYSTEM FLUSHE	D. MORE CH	IIPS ONE HOUR	
6510		BELL				IMPELLER	CRACKED		8/25/97	
		206L			206040370013		T/R DRIVE		CA970909017	
	(CAN) DURING 100)-HOUR ANNUAL, THE	IMPELLER WAS FOU	JND CRACKED IN SEV	VERAL LOCATIONS					
6710		BELL	ALLSN			PIVOT	CRACKED		8/16/97	
		206B	250C20			206001397001	CYCLIC SUPPORT		CA970902002	
	'	(CAN) .25 INCH CRACK FOUND ON CYCLIC PIVOT SUPPORT. THIS ITEM USED TO BE 1,200 HOUR ZYGLO INSPECTION, BUT WAS DELETED AS A REQUIREMENT SOME YEARS AGO. FOUND BECAUSE PILOT COULD NOT TIGHTEN FRICTION ON THE CYCLIC STICK.								
6710		BELL	ALLSN			CYCLIC	BINDING		7/4/97	
		206B	250C20				VERTICAL TUNNEL		CA970807043	
	(CAN) ABNORMAL	L CYCLIC CONTROL N	OTED BY PILOT. TH	ROTTLE CABLE IN VI	ERTICAL TUNNEL E	BINDING ON CONTROL TU	BES WHEN CYCLIC MOVE	O TO EXTRE	ME POSITIONS.	
6720		BELL	ALLSN			TRUNNION	WORN	5192	6/15/97	
		206B	250C20B		206040400107	206011728001	T/R	3368	CA970722014	
	(CAN) PITCH CHA	NGE TRUNNION WOR	N BEYOND LIMITS.							
6730		BELL	ALLSN		RONSON	SCREW	BROKEN		7/8/97	
		206L1	250C28B		206076062003	C4264235	SERVO	133	CA970715013	
	(CAN) NUT NOTEL INSTALLATION.	O AS MISSING FROM TI	HE SERVO PILOT VA	LVE LOWER SCREW.	SCREW WAS BROK	KEN AT THE FIRST THREA	D FROM THE SHANK. NUT	PROBABLY (OVERTORQUED AT	

INTERNATIONAL	SERVICE DIFFICULTY	V REPORT SHIMMARY.	- HELICOPTERS (cont'd)

4/26/98 To 5/2/98	ISSUE: 98-18	ZAC-327
4/20/90 10 3/2/90	1990E: 30-10	ZAC-321

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7120		BELL	ALLSN			FRAME	CRACKED	6355	10/6/93
		206L1	250C28B			26331747	LT ENG MT		CA931027601
	(CAN) FRAME CRA	ACKED AT LT ENGINE	MOUNT.						
7230		BELL	ALLSN			COMPRESSOR	CRACKED	10269	7/4/96
		206B	250C20			6853337	AXIAL STAGE	1842	CA960717007
	(CAN) SUSPECT PO	OSSIBLE SEPARATION	OF FIRST STAGE STA	ATOR BLADES CAUS	ING EXTENSIVE DA	MAGE TO COMPRESSOR AT	ND TURBINE AND ENGINE F	AILURE.	PART TC: 6,604.
7230		BELL	ALLSN			SEAL	LEAKING	5218	2/18/97
		206B	250C20		5863337	CAC38883	ENGINE INLET	1453	CA970311002
	(CAN) NR 1 SEAL I	LEAKING. PART TC: 1	11,543.						
7230		BELL	ALLSN			LINER	MISSING		9/29/96
		206B	250C20		6877410	22764	4TH STAGE	1496	CA970311003
	(CAN) DURING CA	SE HALF INSPECTION,	, 3 LARGE PIECES OF	LINER NOTED AS M	ISSING IN 4TH STAC	GE AREA .			
7230		BELL	ALLSN			COMPRESSOR	FAILED		8/10/97
		206L	250C20R2				ENGINE		CA970922029
		AFT WAS AT 400 FEET E AND TRANSMISSION			G AND THE A/C YAV	WED LEFT AND AUTOROTA	TED TO THE GROUND. AIR	FRAME SU	JFFERED MAJOR
7230		BELL	ALLSN			BEARING	MAKING METAL	3981	7/25/96
		206L	250C20R2		23038126	CAC15175	NR 2 ENG		CA970311023
	(CAN) NR 2 BEARING MAKING METAL. BEARING INSPECTED AND FOUND TO BE NOISY WITH BALL SHOWING EVIDENCE OF GALLING. PART TC: 3,325.								
7230		BELL	ALLSN			BEARING	WORN	1818	9/2/96
		206L	250C20R2				COMPRESSOR		CA960916008
	(CAN) NOISY COM	IPRESSOR ON START-U	JP. BEARING NOISE	ON THE INLET OF CO	OMPRESSOR.				
7230		BELL	ALLSN			ROTOR VANE	FAILED	3564	4/17/97
		206L	250C20R2			23032623	ENGINE	61	CA970507021
	` '	(CAN) TWO MINUTES INTO CLIMB-OUT, A BANG TYPICAL OF A COMPRESSOR STALL WAS HEARD COMING FROM THE ENGINE. YAW TO RIGHT AND ENG AUTO RE-IGNITION ACTIVATED. INSTRUMENTATION INDICATE ENGINE OPERATION NORMAL. FLIGHT ABORTED. PART TC: 3,461.							
7314		BELL	ALLSN			FUEL PUMP	BROKEN BOLT	4180	10/7/93
		206B	250C20			233114	REAR COVER PLATE	1298	CA931117607
	(-)			,		AD AND WASHER LYING I WAS STILL HELD ON BY FO			
7320		BELL	ALLSN			BOLT	WORN		10/25/93
		206L	250C20B		206063703001	AN1736	ENG FCU LEVER		CA931112607
	(CAN) ERRATIC N	1 RESPONSE ON STAR	TUP AND IN-FLIGHT.	INSPECTION REVEA	ALED BOLT WORN I	MORE THAN HALF WAY TH	ROUGH. LEVER P/N 206-061	-716-3 WA	S ELONGATED.
7322		BELL	ALLSN		BENDIX	FUEL CONTRL UNIT	FAILED		8/20/96
		206L1	250C28B			2332246	ENGINE	2471	CA970311045
	(CAN) AIRCRAFT CONTROL UNIT R		CELERATED. AIRCE	AFT AUTO-ROTATEI	D TO GROUND. EN	GINE CONTINUED TO OPER	ATE BUT WOULD ONLY PRO	ODUCE 90	PERCENT NR. FUEL

INTERNATIONAL	SERVICE DIFFICULTY	V REPORT SHIMMARY.	- HELICOPTERS (cont'd)

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7323		BELL	ALLSN			ACTUATOR	FAILURE		5/22/96
		206L	250C20R2			206062721011	ENG GOV		CA960729014
	WAS SHUT DOWN	I. ON INSPECTION, FOU	JND THE INTERNAL S	STOP OF THE LINEAR	R ACTUATOR HAD F	AILED AND THE SHAFT V	'AS NO BEEP TRIM RANGE WAS OVER EXTENDED PU' ING SCREW HAD SEPARAT	ITING THE E	NGINE GOVERNOR AT
7323		BELL	ALLSN			GOVERNOR	FAILED		12/8/96
		206L1	250C28B			23007507	ENGINE	40	CA970626009
	(CAN) ENGINE LO	ST POWER SUDDENLY	, THEN SURGED TOW	ARDS OVERTORQUE	E AND OVERSPEED.	POWER OSCILLATIONS	IN-FLIGHT.		
7722		BELL	ALLSN			INDICATOR	FRAYED		5/7/97
		206B	250C20			206075190001	PLUG END		CA970626012
	(CAN) TOT INDICA	ATOR RECEIVED FROM	O/H WITH ELECTRIC	CAL PLUG FOR THE I	NSTRUMENT LIGHT	ING TORN OFF WITH THI	E FRAYED ENDS OF WIRIN	IG REMAININ	VG.
7920		BELL	ALLSN			ELBOW	CRACKED		7/21/97
		206B	250C20B			AN8334J	OIL SYS		CA970731016
	(CAN) CRACK FOU	UND HALFWAY AROUN	ND CIRCUMFERENCE	OF FITTING. CRACK	ON SIDE OF FITTIN	IG STRESSED DURING TIC	GHTENING TO STOP OIL LI	EAK.	
7921		BELL	ALLSN			OIL COOLER	FAILED		7/13/97
		206B	250C20			8534998	ENG OIL		CA970904031
	(CAN) ENGINE OII	L TEMP RUNNING AT 10	00 DEGREES CELSIUS	DURING CRUISE. O	IL COOLER REPLAC	ED.			
2920		BELL				HOSE	CHAFED		6/22/97
		212				70012J220W234	HYD SYS		CA970709013
	` /	IOVER, AIRCRAFT EXP N. FLEX LINE FOUND (ESSURE INDICATION	N WITH WARNING INDICA	ATION AND THE SMELL OI	FHYDRAULI	C FLUID WAS
6720		BELL	PWA			CONTROL TUBE	WORN	2549	10/14/93
		212	PT6T3B			2121583	T/R		CA931027602
	(-)					TRIP THAT PROTECTS TH TUBE TO WEAR BEYOND	HE TUBE WHERE IT PASSE LIMITS.	S THROUGH	THE LOWER GUIDE
7250		BELL	PWA			TURBINE WHEEL	DAMAGED		12/1/97
		212	PT6T3				NR 2 ENGINE		CA980113002
	PREVIOUS WARN HEAD (POSSIBLY	ING. PILOT REDUCED	NR 2 ENGINE POWER FOUND IN EXHAUST :	TO IDLE AND LAND	ED ON A FROZEN LA	AKE. POST-FLIGHT INSP I	F SOUND'- THEN A CHIP DI FOUND NO EXTERNAL DA MAGED. FWD CHIP DETE	MAGE OR OI	L LEAKS. A BOLT
7603		BELL	PWA			FLEX SHAFT	JAMMED		6/28/97
		212	PT6T3			209001196001	NR 2 ENG		CA970728017
	PRIOR TO COMEP BETWEEN NR 1 AI	LETING FAILED START	PROCEDURE CALLII EX SHAFTS IN THE C	NG FOR STARTER DIS AVITY OF THE COPII	SENGAGE AND FUE	L SHUT OFF. LIMITS EXC	PILOT DID NOT NOTICE T EEDED. INVESTIGATION I IT IMPOSSIBLE TO ROLL B	FOUND SANI	O ACCUMULATED

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6322		BELL				OIL TANK	CRACKED	696	6/27/97
		407				206061505115	ENG OIL		CA970728013
	,					ALSO, FOUND BROKEN OIL E EXCESSIVE VIBRATION C			
5322		BELL				SUPPORT BRACKETS	CRACKED	570	7/10/97
		407				206032305129A	OIL COOL BLOWER		CA970728014
		OUND ON OIL COOLER ER TRANSITION BRACE			92.0, WL 73.25. ALSO	FOUND CRACKED ANGLE	BRACKETS, FRAME AND	BONDED O	IL COOLER PANEL
5310		BELL				BEARING	UNDERSIZE		3/28/96
		47G3B			0476204859	B121892	ENG/TRANS CPLNG		AU960433
	` '	OR TRANSMISSION DRI UBSEQUENT SHOCK LO				SLIPPAGE OF THE FREEWI AND MDR 96/0341	HEEL UNIT DUE TO FITME	NT OF UNDI	ERSIZE BEARING
320		BOEING	GE			BOLT	BROKEN		7/3/97
		1072	CT581401		107D2011515A	MS200740607	TRANSMISSION	1265	CA970722005
	,	NG CYCLE TRANSMISS S. BOLTS NOT NORMA		DISASSEMBLY OF T	TRANSMISSION REV	EALED A SAFETY WIRED F	BOLT HAD BROKEN AT TH	E HEAD AN	ID CONTACTED
200		BOLKMS	ALLSN			BEARING	WORN		10/19/93
		BO105C	250C20B		10531821	116488P	OUTER HOUSING		CA931112611
	(CAN) BEARING W	VORN EXCESSIVELY IN	AXIAL WITHIN LIM	ITS RADIALLY.					
5320		BOLKMS	ALLSN		ZAHNRAD FABR	BEARING	FAILED	3883	3/28/97
		BO105S	250C20B		4638001001		M/R GR BOX	875	CA970609014
	(CAN) SEVERAL S	MALL SLIVERS AND F	LAKES OF METAL FO	UND IN MAIN GEARI	BOX OIL FILTER. OII	L ANALYSIS INDICATE BEA	ARING MATERIAL FAILUR	E. GEARBO	X REPLACED.
5410		CARSON				BLADE	DAMAGED	1104	6/18/97
		S61LSKRSKY			S6110314003	S611730101045	T/R	36	CA970709001
	(CAN) AIRCRAFT	FLEW THROUGH HAIL	STORM WHICH PEEL	ED BACK TRAILING	EDGE OF TAIL ROTO	OR BLADES. ALL FIVE BLA	ADES DAMAGED. TWO SUI	BSTANIALL	Y DAMAGED.
320		CARSON	GE		HAMSTD	FUEL CONTRL UNIT	FAILED	6679	9/17/96
		S61LSKRSKY	CT581401			7257255	ENGINE	3103	CA970311012
	(CAN) ENGINE WI			LE TORQUE. TAKE O	VER MANUAL SPEEI	D LEVER AND ENGINE IS N			
322		CARSON	GE		HAMSTD	FUEL CONTRL UNIT	FAILED		9/16/96
		S61LSKRSKY	CT581401			7257255	ENGINE	1672	CA970311010
	(CAN) ENGINE WI			RQUE. LOW POWER, I	LOW T5, HIGH NG. N	O CHANGE ON MANUAL T	ΓHROTTLE. PART TC: 29.		
310		ENSTRM				RHEOSTAT	CHARRED	2152	11/1/93
310		F28F				RES5R	COCKPIT	2132	CA931117601
	(CAN) BOTH RHE	OSTATS BURNED OUT.				LLDSK	500mm		211/2111/001
5220	. ,	HUGHES	ALLSN			DROOP RING	MISINSTALLED	4270	6/24/97
0		369D	250C20B			DROOF MING	M/R	1144	
	(CAN) DROOP RIN			ALLED. BOTH DROO	P RING AND FOLLOV	WERS WERE INSTALLED U			
		E OF THE MAIN ROTOR					,		

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
322		HUGHES	ALLSN			BLOWER	FAILED		7/2/97
		369D	250C20B			369D25630101	OIL COOL BLOWER	264	CA970807042
	(CAN) VIBRATION	FROM OIL COOER BL	OWER COULD BE FE	LT IN THE AIRFRAM	E AND PILOTS PED	ALS. ACCELEROMETER TE	EST SHOWED HIGH FREQUE	ENCY VIBRA	ATION.
410		HUGHES	ALLSN			BLADE	DELAMINATED	3393	12/11/97
		369D	250C20B		369D21600503	369D2161311N	T/R		CA980114005
	(-)	DING EDGE WAS INST D .1250 INCH FROM TE				CE DN187 PART 11. A SMA	LL DELAMINATION VOID .	3750 INCH IN	N DIAMETER, 2 INC
710		HUGHES	ALLSN			BRACKET	CRACKED		8/6/97
		369D	250C20B			369A7304	ROTOR CONTROL		CA970902001
	(CAN) ROTOR CON	NTROL BEARING AND	TORQUE TUBE ASSE	MBLY BRACKET CAI	CRACKED OFF. T	THE BRACKET ASSY CONS	ISTS OF THE BRACKET ANI	D BEARING	RETAINING CAP.
250		HUGHES	ALLSN			TURBINE	FAILURE	10456	10/19/97
		369D	250C20B			6898735	ENGINE	15	CA971113039
	(CAN) COULD NO	T START ENGINE DUE	TO N2 LOCKUP. STA	ART ABORTED. RUBB	ING NOISE COULD	BE HEARD WHEN N2 TUR	BINE ROTATED. TURBINE	REPLACED.	PART TC: 18.
320		HUGHES	ALLSN		BENDIX	GOVERNOR	DROOPING		6/24/97
		369D	250C20B			23057870	ENGINE	328	CA970731019
	(CAN) DROOPING	4 PERCENT NR WHEN	POWER PULLED IN	WITH SLOW OR NO R	ECOVERY IN RPM	UNTIL POWER REDUCED.	AIRCRAFT HAD TO LAND	BEFORE REC	COVERY OF RPM.
23		HUGHES	ALLSN		BENDIX	GOVERNOR	MALFUNCTION		6/25/97
		369D	250C20B			2305780	ENGINE	264	CA970731020
	(CAN) GOVERNOR	R INSTALLED FOR TEST	T RUN AND HOVER	TEST. IN-FLIGHT HOV	ER AT LOWER PO	WER SETTINGS, THE RPM	WOULD FLUCTUATE 5 PER	CENT.	
302		ROBSIN				TAIL CONE	DAMAGED	750	8/7/97
		R22BETA				A02323	ATTACH		CA970820019
	'			,		AUSED THE HELICOPTER T A FEW INCHES BEHIND TH			
220		ROBSIN				BEARING	CHAFED	837	5/14/97
		R22				A6481	TEETER HINGE		CA970626015
	(CAN) AT 100-HOU	JR INSPECTION, THE M	IAIN ROTOR TEETER	HINGE BEARING WA	AS FOUND CHAFED	AND ELONGATED.			
322		ROBSIN				FANWHEEL	CRACKED	44	6/9/97
		R44				D1742	CENTER HUB		CA970624001
	THE FAN HAD CRA		AROUND CAUSING			OT HEARS GROWLING AND FF. THERE WAS ALSO A LO			
532		ROBSIN	LYC			VALVE	FAILED		6/15/97
		R44	O540F1B5			9560137030	BLEED	40	CA970620004
	(CAN) BLEED VAL	VE DID NOT OPERATE	E FOLLOWING INSTA	LLATION. BENCH TE	EST CONFIRMED IN	TERNAL FAILURE. WHEN	POWER APPLIED, VALVE F	BECAME VEI	RY НОТ.
121		SKRSKY			BENDIX	BEARING	FAILED	859	11/5/93
		S61N			28B13529A	15841535	AC GENERATOR		CA931121402
	BUT FAILED AGAI SLIGHTLY WARM REVEALED A LAR	IN. GENERATOR SELE ER TO THE TOUCH TH	CTED TO "OFF" POSI AN NR 2 GENERATO AL PLAY IN THE FOR	TION AND AIRCRAFT R. AIRCRAFT RETUR	SAT DOWN ON NE NED TO HOME BA	AFTER THE NR 1 GENERA' EAREST LANDING PAD. GR SE WHERE NR 1 GENERATO T QUITE DIFFICULT TO TU	OUND INSPECTION REVEA OR WAS REPLACED. INSPE	ALED NR 1 G ECTION OF N	ENERATOR WAS R 1 GENERATOR

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
6320		SKRSKY	GE			RING GEAR	BROKEN	588	10/20/93
		S61N	CT58*			S613522173	MAIN GRBOX		CA931118101
		RBOX CHIP LIGHT CAM GEAR TEETH FOUND. C				D AND STEEL FRAGMENT FOUND BROKEN.	S FOUND. COARSE SCRE	EN CHECKED	WITH MORE
7261		SKRSKY	GE			OIL JET	OBSTRUCTED		9/9/96
		S61N	CT581401			6029T27G03	NR 1 OIL JET	1680	CA961007004
						NGINE OIL PRESSURE WA AND GROUND RUN NORM		L (60 VICE 45	PSI). ENGINE
2910		SKRSKY	ALLSN			HOSE	LEAKING		7/29/97
		S76A	250C30S			SS48C2C16500	NR 2 HYD		CA970812003
	` /	NAL, NR 2 HYDRAULIO SHUTDOWN, LEAK FO			S LATER, PRESSURI	E AT ZERO. NR 2 HYDRAU	ULIC SWITCH SELECTED T	O OFF. CONT	TROLS CHECKED FOR
3222		SKRSKY	ALLSN			TORQUE ARM	JAMMED		8/6/97
		S76A	250C30S		1944E100B		NLG		CA970812004
	(CAN) ON APPROA	ACH, NOSE LANDING G	EAR DID NOT EXTE	ND. SCISSORS/TORQU	JE ARM HAD JAMM	IED AGAINST THE ACTUA	TOR RESTRICTING THE C	EAR.	
6210		SKRSKY	ALLSN			BLADE	CRACKED	4306	11/6/93
		S76A	250C30			7615945	ROOT END M/R		CA931117604
	(CAN) DURING SC HOLE.	HEDULED INSPECTION	N, MRB SPAR ROOT E	END WAS FOUND CRA	ACKED APPROXIMA	TELY 2 INCHES LONG PRO	OPAGATING FROM LOWE	R OUTBOARI	FORWARD BOLT
6510		SKRSKY	TMECA			PITCH LINKS	CORRODED		7/30/97
		S76A			761010500104	7610105002102	T/R		CA970806013
	(CAN) PITTING CC	ORROSION FOUND IN T	THE THREADED ARE.	A OF THE TAIL ROTO	R PITCH CHANGE B	EARING.			
2520		SNIAS				SEAT BELT	FRAYED	705	6/23/97
		AS350B2				G101533	BELT GUIDE		CA970630001
	(CAN) EDGES OF S	SEAT BELT WERE FOUR	ND FRAYED - DUE TO	O THE BELT GUIDE O	N THE REEL BEING	BROKEN AND MISSING.			
6210		SNIAS	TMECA			BUSHING	DEFECTIVE	750	7/4/97
		AS350B	ARRIEL1B		350A31183106	M16468	M/R		CA970722011
	(CAN) BLADE PIN	BUSHINGS ROTATING	t.						
6210		SNIAS	TMECA			BUSHING	DEFECTIVE	3579	7/17/97
		AS350B	ARRIEL1B		350A31183106	M122230	BLADE PIN		CA970722013
	(CAN) BLADE PIN	BUSHING ROTATING.							
6210		SNIAS	TMECA			BLADE	CRACKED	3498	6/19/97
		AS350BA	ARRIEL1B			355A1002006	M/R		CA970731018
	(CAN) THREE INC	H CRACK FOUND IN TH	HE LOWER SKIN OF A	A MAIN BLADE. CRA	CK LOCATED 53 INC	CHES IN FROM THE BLAD	E ROOT. CRACK RUNS 90	DEGREES FR	OM LEADING EDGE.
6220		SNIAS	TMECA			STARFLEX	CRACKED	1315	6/1/97
		AS350B	ARRIEL1B			350A31190703	M/R		CA970618014
	` /		F STAR, AREA G1 AS	PER MWC 62.20.00.60	1 FIG. 3. CRACKS E	XTENDED DOWNWARD 2	1 AND 25 MM RESPECTIVE	LY AND ARO	

INTERNATIONAL SERVICE DIFFICULTY REPORT SUMMARY - HELICOPTERS (cont'd)
--

4/26/98 To 5/2/98 ISSUE: 98-18 ZAC-327 ATA REG. NO ACFT MAKE **ENG MAKE** PROP MAKE **COMP MFG** PART NAME PART COND TT DIFF. DATE **OPER SERIAL NO** ACFT MODEL **ENG MDL** PROP MDL **COMP MDL** PART NUMBER PART LOC. TSO OPER CONT NO 6220 STOP SNIAS **TMECA** DELAMINTED 1542 7/4/97 AS350B ARRIEL1B 704A33633156 M/R CA970722012 (CAN) SPHERICAL STOP DELAMINATED TO MAX LIMITS. DELAMINATED 6420 **SNIAS TMECA** HINGE 81 6/23/97 AS350BA ARRIEL1B 350A33215300 CA970630002 BUSHING MOUNT (CAN) DELAMINATIONS CAUSED EXCESSIVE VIBRATION (HIGH FREQ) IN FLIGHT AND ON GROUND. SPLITS AND DELAMINATIONS IN EXCESS OF ALLOWABLE LIMITS OCCURED AT VERY LOW T.S.N. 6710 **SNIAS TMECA** SERVO LEAKING 5414 7/24/97 AS350B ARRIEL1B AC67246 M/R CONTROL 1632 CA970904026 (CAN) MAIN ROTOR FLIGHT CONTROL HYDRAULIC SERVO LEAKING AT THE PISTON BASE BEYOND LIMITS. 6720 **SNIAS TMECA** BEARINGS ROUGH 4289 7/18/97 AS350BA ARRIEL1B 350A33200401 T/R PITCH CHANG 603 CA970904030 (CAN) LIFE LUBRICATED BALL BEARINGS ON THE TAIL ROTOR PITCH CHANGE PLATE WERE ROUGH AND RACHETY, AND FELT HOT TO THE TOUCH. 7250 **SNIAS** LYC TURBINE ROTOR DISPLACEMENT 10/12/93 AS350D 4141293 LTS101600A2 PT BLADE CA931021601 (CAN) DURING COMPLIANCE WITH TEXTRON LYCOMING SERVICE BULLETIN NR LT101-72-50-0153R1, INSPECTION OF POWER TURBINE ROTOR, DISPLACEMENT OF BLADE NR 20 EXCEEDED THE ALLOWABLE LIMIT BY .004 INCH. POWER TURBINE REMOVED FOR REPAIR. 7250 LYC TURBINE ROTOR SNIAS DISPLACEMENT 866 11/8/93 AS350D LTS101600A2 4141293 NR 1 BLADE CA931117603 (CAN) DURING COMPLIANCE WITH TEXTRON LYCOMING SERVICE BULLETIN LTS101-72-50-0153 REVISION 1 (INSPECTION OF POWER TURBINE ROTOR), DISPLACEMENT OF NR 1 BLADE EXCEEDED THE ALLOWABLE LIMIT BY .003 INCH. POWER TURBINE WAS REMOVED FOR REPAIRS. PART TC: 1.539. 7532 **SNIAS TMECA** VALVE INTERMITTENT 6/17/97

950158260

BLEED

(CAN) BLEED VALVE CLOSING INTERMITTENTLY. PART TC: 9,897. (End of INTERNATIONAL SERVICE DIFFICULTY REPORT SUMMARY - HELICOPTERS)

ARRIEL1B

AS350B

1067

CA970626011

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7314		AEROSP	ALLSN			UNION	CRACKED	1406	9/13/93
		AS355F2	250C20R2			355A523182	FUEL PUMP		CA931020001
	(CAN) ENGINE RE 4 PLACES.	LIGHT TWICE IN 10 SEC	CONDS. ACCOMPAN	IED BY A TORQUE SU	JRGE. INVESTIGAT	ION REVEALED MAIN FUE	EL "IN" UNION ON ENGINE	DRIVEN FUE	L PUMP CRACKED IN
7322		AIRTRC	PWA		BENDIX	CARBURATOR	FAILED		10/26/93
		AT301	R1340*			NAY9E1	FLOAT		CA931108205
	` /	UT OFF. CARBURETOR					URETOR REMOVED, FLOA FOUND IN FLOAT ASSEMB		
7322		AIRTRC	PWA		BENDIX	CARBURETOR	FLOAT STUCK		4/24/93
		AT301	R1340*			NAY9E1	ENGINE		CA931129009
	` '					D THE FLOAT PIVOT SHAI FUEL STARVATION AND I	FT ON THE CARBURETOR ENGINE STOPPAGE.	WAS OVERT	GHTENED RESULTING
8500		AYRES	WRIGHT			ENGINE	DEFECTIVE	705	1/26/93
		S2RNORMAL	R182099				ENG OIL PRESS		CA931108012
	(CAN) PREMATUR	E REMOVAL OF ENGIN	NE DUE TO ENGINE C	OIL PRESSURE BELOW	V MANUFACTURER	S SPECIFICATION.			
8520		BBAVIA	LYC			CRANKCASE	CRACKED	1841	11/9/93
		8GCBC	O360C2E				BASE IF NR 2 CYL		CA931121405
	(CAN) CRANKCAS	SE FOUND CRACKED A	T BASE OF NR 2 CYL	INDER. CRACK FOUR	ND DURING INSPEC	TION AFTER REMOVAL O	F THE STARTER.		
7314		BEECH	PWA			FUEL PUMP	FAILED	1459	5/11/93
		B200	PT6A41			91383	NR 1 ENGINE		CA931121407
	PROCEDURES WE	*	THE FLIGHT CONCI				ED BY THE ENGINE FLAM SPECTION ON GROUND R		
7320		ВЕЕСН	PWA			HOSE	SLIPPED	1879	4/13/93
		200BEECH	PT6A41				RT ENGINE FCU		CA931121406
	WAS SUPPORTED	BY AN ADEL CLAMP T	O ENGINE MOUNT,	HAD MOVED DUE TO	DETERIORATION (OWN. INSPECTION FOUND ALLOWED HOSE TO COME NG.		,
8520		BEECH	CONT			GEAR	FAILED	172	11/24/93
		H35	O470G			537432	CAMSHAFT		CA931206201
		LD NOT TURN. THERE					E GEAR LINED UP WITH TH FLUXED AND THREE MOR		
7230		BELL	ALLSN			LINER	MISSING		9/29/96
		206B	250C20		6877410	22764	4TH STAGE	1496	CA970311003
	(CAN) DURING CA	ASE HALF INSPECTION,	, 3 LARGE PIECES OF	LINER NOTED AS MI	ISSING IN 4TH STAC	GE AREA .			
7230		BELL	ALLSN			COMPRESSOR	CRACKED	10269	7/4/96
		206B	250C20			6853337	AXIAL STAGE	1842	CA960717007
	(CAN) SUSPECT PO	OSSIBLE SEPARATION	OF FIRST STAGE STA	ATOR BLADES CAUSI	ING EXTENSIVE DA	MAGE TO COMPRESSOR A	AND TURBINE AND ENGIN	E FAILURE 1	PART TC: 6.604.

INTERNATIONAL	SERVICE DIFFICUI	TY REPORT SUMMARY	FNGINES (cont'd)

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7230		BELL	ALLSN			SEAL	LEAKING	5218	2/18/97
		206B	250C20		5863337	CAC38883	ENGINE INLET	1453	CA970311002
	(CAN) NR 1 SEAL 1	LEAKING. PART TC: 1	11,543.						
7230		BELL	ALLSN			ROTOR VANE	FAILED	3564	4/17/97
		206L	250C20R2			23032623	ENGINE	61	CA970507021
	` '	TES INTO CLIMB-OUT, FRUMENTATION INDIC					E. YAW TO RIGHT AND ENG	AUTO RE-	IGNITION
7230		BELL	ALLSN			COMPRESSOR	FAILED		8/10/97
		206L	250C20R2				ENGINE		CA970922029
		AFT WAS AT 400 FEET E AND TRANSMISSION			G AND THE A/C YAW	VED LEFT AND AUTOROTA	ATED TO THE GROUND. AIR	FRAME SU	JFFERED MAJOR
7230		BELL	ALLSN			BEARING	WORN	1818	9/2/96
		206L	250C20R2				COMPRESSOR		CA960916008
	(CAN) NOISY COM	IPRESSOR ON START-U	JP. BEARING NOISE	ON THE INLET OF CO	OMPRESSOR.				
7230		BELL	ALLSN			BEARING	MAKING METAL	3981	7/25/96
		206L	250C20R2		23038126	CAC15175	NR 2 ENG		CA970311023
	(CAN) NR 2 BEARI	NG MAKING METAL.	BEARING INSPECTE	D AND FOUND TO BE	E NOISY WITH BALL	SHOWING EVIDENCE OF	GALLING. PART TC: 3,325.		
7314		BELL	ALLSN			FUEL PUMP	BROKEN BOLT	4180	10/7/93
		206B	250C20			233114	REAR COVER PLATE	1298	CA931117607
	'			*			IN THE ENGINE PAN. THE BE DUR OTHER BOLTS TWO OF V		
7320		BELL	ALLSN			BOLT	WORN		10/25/93
		206L	250C20B		206063703001	AN1736	ENG FCU LEVER		CA931112607
	(CAN) ERRATIC N	1 RESPONSE ON STAR	TUP AND IN-FLIGHT.	INSPECTION REVEA	ALED BOLT WORN M	MORE THAN HALF WAY TI	HROUGH. LEVER P/N 206-061	-716-3 WA	S ELONGATED.
322		BELL	ALLSN		BENDIX	FUEL CONTRL UNIT	FAILED		8/20/96
		206L1	250C28B			2332246	ENGINE	2471	CA970311045
	(CAN) AIRCRAFT : CONTROL UNIT R		CELERATED. AIRCR	AFT AUTO-ROTATEI	O TO GROUND. ENG	GINE CONTINUED TO OPER	RATE BUT WOULD ONLY PRO	ODUCE 90	PERCENT NR. FUEL
7323		BELL	ALLSN			ACTUATOR	FAILURE		5/22/96
		206L	250C20R2			206062721011	ENG GOV		CA960729014
	WAS SHUT DOWN	I. ON INSPECTION, FOU	UND THE INTERNAL	STOP OF THE LINEAR	R ACTUATOR HAD I	FAILED AND THE SHAFT V	AS NO BEEP TRIM RANGE A VAS OVER EXTENDED PUTT. ING SCREW HAD SEPARATEI	ING THE E	NGINE GOVERNOR A
7323		BELL	ALLSN			GOVERNOR	FAILED		12/8/96
		206L1	250C28B			23007507	ENGINE	40	CA970626009
									011)/002000)

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
7250		BELL	PWA			TURBINE WHEEL	DAMAGED		12/1/97
		212	PT6T3				NR 2 ENGINE		CA980113002
	PREVIOUS WARN HEAD (POSSIBLY	ING. PILOT REDUCED	NR 2 ENGINE POWER FOUND IN EXHAUST	R TO IDLE AND LAND	ED ON A FROZEN L	AKE. POST-FLIGHT INSP F	SOUND'- THEN A CHIP DETE OUND NO EXTERNAL DAMA MAGED. FWD CHIP DETECTO	GE OR OI	L LEAKS. A BOLT
8520		BNORM	LYC			CRANKSHAFT	BROKEN	1680	10/19/93
		BN2A26	O540E4C5			7539	NR 6 CYL THROW		CA931027201
							SUBSEQUENT RUN-UP, ALL NDER SKIRT AND ON THE SI		
8530		BNORM	LYC			STUD	FAILED	1310	11/13/93
		BN2A21	IO540K1B5			3816	NR 3 CYL BASE		CA931129104
	SMALL STUD AT T PROGRESSIVELY	THE ELEVEN O'CLOCK AND RAPIDLY. THE FI E WAS NO SIGNIFICAN	POSIT FAILED 1ST, I RE WAS CAUSED BY IT DAMAGE TO THE	NSIDE THE CYL BASI THE BREAKING OF T	E TRANSMITTING E THE FUEL INJECTOR	XTRA LOAD, AND SLIGHT R, RUPTURE OF THE EXHA	OS HAD FAILED. FURTHER IN MOVEMENT TO THE OTHER UST PIPE, AND MASSIVE LOS	STUDS W	HICH FAILED DUE TO THE SHORT
7322		CESSNA	LYC		FACET	CARBURETOR	CONTAMINATED		3/30/96
		152	O235L2C		MABA	C15159	ENGINE		AU960432
	(AUS) CARBURET	TOR BOWL AND VENT	URI CONTAMINATEI	O - FLOAT MOUNTING	G SHAFT SLIGHTLY	WORN			
7414		CESSNA	CONT		BENDIX	MAGNETO	FAILED	1508	11/22/93
		180J	O470K			17921	DISTRIBUTOR GEAR		CA931129103
							RMALLY, TWO MINUTES INT UTOR GEAR TEETH STRIPPE		
7313		CESSNA	CONT			FUEL INJECTOR	LOOSE	754	11/5/93
		U206G	IO520F			627335D13B	ENGINE		CA931116007
	(CAN) AT 200-HOU	JR INSPECTION, FUEL I	NJECTOR SHROUD A	AND SCREEN WERE F	OUND LOOSE AND	DAMAGED BY VIBRATION	I. INJECTOR REPLACED.		
8520		CESSNA	CONT			CONNECTING ROD	FAILED	566	11/8/93
		U206G	IO520F				ENGINE		CA931207013
	(CAN) CYLINDER	FAILURE, CONNECTIN	G ROD FAILURE CAU	JSED HOLE IN CRANE	KCASE.				
8530		CESSNA	CONT			PUSH ROD TUBE	BENT	372	11/4/93
		U206G	IO520F			53834	CYL EXH		CA931201001
	(CAN) UPON CYLI PRYING ON THE P		EXHAUST PUSH ROD	TUBE AND PUSH RO	D WERE FOUND BE	NT AND WORN. DAMAGE	APPEARS TO HAVE BEEN CA	USED BY	EXTERNAL FORCE
8530		CESSNA	CONT			CYLINDER	CRACKED	372	11/5/93
		U206G	IO520F			639272	NR 1 EXH PORT		CA931115201
	(CAN) AT 200-HOU	JR INSPECTION, NR 1 C	YLINDER WAS FOUN	ND CRACKED AT THE	EXHAUST PORT A	APPROXIMATELY 2 INCHES	S LONG IN CASTING ABOVE V	ALVE HI	EAD.
8530		CESSNA	CONT			PUSH ROD	BENT	372	11/4/93
		U206G	IO520F			537296	CYL EXH		CA931202001
	(CAN) UPON CYLI PRYING ON THE P	NDER REMOVAL, THE		TUBE AND PUSH RO	DD WERE FOUND BE		APPEARS TO HAVE BEEN CA	AUSED BY	

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
8530		CESSNA	CONT			ROTO COIL	BROKEN	874	11/5/93
		404CESSNA	GTSIO520M		CR731A1	629117	NR 2 CYLINDER		CA931116302
	'	NR 2 ENGINE. INVESTION 1/4 OF THE ROTO COIL			· · · · · · · · · · · · · · · · · · ·	EXHAUST. NR 2 CYLINDER	R COVER REMOVED AND R	OTO COIL V	AS BROKEN AND
8520		CESSNA	CONT			CRANKCASE	CRACKED		10/30/97
		421C	GTSIO520L				NR 1 CYL BORE	1038	CA971110003
	INSPECTION FOUL	ND NR 36 STUD WAS PU	ULLED OUT OF THE O	CRANKCASE THREAI	OS. THE NR 1 CYLIN	ND EVIDENCE OF COMBUS NDER BORE IN THE CRANK FACTURED ENGINE WAS IN	CASE WAS FOUND CRACE		
8530		DHAV	PWA			PUSH ROD	SEPARATED		10/20/97
		DHC2MK1	R985AN14B			39288	NR 1 CYL EXH	715	CA971104001
	(CAN) BALL END	OF NR 1 CYLINDER PU	SH ROD CAME LOOS	E, COCKED AND LOD	GED IN THE EXHAU	JST VALVE CAUSING THE	ENGINE TO RUN ROUGH.		
8520		DHAV	PWA			CONNECTING ROD	BROKEN	266	11/2/93
0020		DHC3	R1340*			com Zem (o Roz	NR 9 CYLINDER	200	CA931112204
	'	ECTING ROD BROKE A	T NR 9 CRANK PIN A			ARDS DESTROYING NR 9 A HOLE IN THE TOP COWL	CYLINDER AND PISTON A		ND CONTAMINATING
8530		DHAV	PWA			GUIDE EXH VALVE	DISINTEGRATING	423	10/18/93
		DHC3	R1340*			2342	NR 4 CYLINDER		CA931026002
	AIRCRAFT NURSE		ON REVEALED ENGI	NE SOAKED WITH OI		FF OR SMOKE EMITTED FF CTION REVEALED OIL BEI			
8530		DHAV	PWA			CYLINDER	SEPARATED	173	8/30/93
		DHC3	R1340*				NR 5,7,8 CYL		CA931112206
	(CAN) OVERHAUI	LED ENGINE INSTALLE	D. NR'S 4, 5, 7, AND 8	CYLINDERS AND PI	STON ASSEMBLIES	REPLACED DUE TO HEAD	SEPARATION. TSOH 173 H	OURS.	
8530		DHAV	PWA			CYLINDER	SEPARATED	166	8/30/93
		DHC3	R1340*			2578CA1	NR 2		CA931112205
	` /	*				ROACH AND LANDING. AI CATION OF OVERBOOST.	FTER SHUTDOWN, INSPEC	TION REVE	ALED NR 2 CYLINDER
7250		HUGHES	ALLSN			TURBINE	FAILURE	10456	10/19/97
		369D	250C20B			6898735	ENGINE	15	CA971113039
	(CAN) COULD NO	T START ENGINE DUE	TO N2 LOCKUP. STA	RT ABORTED. RUBB	ING NOISE COULD	BE HEARD WHEN N2 TURE	BINE ROTATED. TURBINE	REPLACED.	PART TC: 18.
7320		HUGHES	ALLSN		BENDIX	GOVERNOR	DROOPING		6/24/97
		369D	250C20B			23057870	ENGINE	328	CA970731019
	(CAN) DROOPING	4 PERCENT NR WHEN	POWER PULLED IN V	WITH SLOW OR NO R	ECOVERY IN RPM U	JNTIL POWER REDUCED. A	AIRCRAFT HAD TO LAND I	BEFORE REC	COVERY OF RPM.
7323		HUGHES	ALLSN		BENDIX	GOVERNOR	MALFUNCTION		6/25/97
-		369D	250C20B			2305780	ENGINE	264	CA970731020
	(CAN) GOVERNOR			EST. IN-FLIGHT HOV	ER AT LOWER POW	VER SETTINGS, THE RPM V			
8520	, ,, , , ,	PIPER	LYC			CRANKCASE	CRACKED	1233	8/6/93
0.5.2.0		PA31350	TIO540J2BD			2223	RT SIDE	1233	CA931124007
	, ,	-HOUR INSPECTION RU	UN-UP, AN OIL LEAK			THE ENGINE. CLOSER INS AFT. ENGINE REMOVED F	SPECTION FOUND A 4 INCI	I CRACK ON	

INTERNATIONAL	SERVICE DIFFICUI	TY REPORT SUMMARY	ENGINES (cont'd)
INTERNATIONAL.	. SER VIU.E DIEFIU.UI	TI REFURI SUIVIVIARI	- CINCTUNES (COM O)

<u>INTERNA</u>	NTERNATIONAL SERVICE DIFFICULTY REPORT SUMMARY - ENGINES (cont'd) 4/26/98 To 5/2/98 ISSUE: 98-18 ZAC-327											
ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO			
7320		PIPER	PWA	L		TUBE PY PRESS	CRACKED	2335	10/8/93			
		PA31T	PT6A28			311843	ENG CONTROL		CA931025301			
	(CAN) ENGINE REP	ORTED SLOW TO ACC	ELERATE AND LOW I	DLE. PY TUBE CRA	CKED AT FLARE FIT	TING TO FCU.						
7532		ROBSIN	LYC			VALVE	FAILED		6/15/97			
		R44	O540F1B5			9560137030	BLEED	40	CA970620004			
	(CAN) BLEED VALV	VE DID NOT OPERATE	FOLLOWING INSTAL	LATION. BENCH TE	ST CONFIRMED INTI	ERNAL FAILURE. WHEN P	OWER APPLIED, VALVE BE	CAME VEI	RY HOT.			
7250		SNIAS	LYC			TURBINE ROTOR	DISPLACEMENT	866	11/8/93			
		AS350D	LTS101600A2			4141293	NR 1 BLADE		CA931117603			
		MPLIANCE WITH TEXT LOWABLE LIMIT BY .				*	OWER TURBINE ROTOR), D	ISPLACEM	IENT OF NR 1 BLADE			
7250		SNIAS	LYC			TURBINE ROTOR	DISPLACEMENT		10/12/93			
		AS350D	LTS101600A2			4141293	PT BLADE		CA931021601			
		MPLIANCE WITH TEXT LOWABLE LIMIT BY .				, INSPECTION OF POWER	FURBINE ROTOR, DISPLACE	EMENT OF	BLADE NR 20			
7532		SNIAS	TMECA			VALVE	INTERMITTENT		6/17/97			
		AS350B	ARRIEL1B			950158260	BLEED	1067	CA970626011			
	(CAN) BLEED VAL	VE CLOSING INTERMIT	TTENTLY. PART TC: 9	9,897.								

<u>INTERNATIONAL SERVICE DIFFICULTY REPORT SUMMARY - COMPONENTS</u>

<u>4/26/98 - 5/2/98 ISSUE: 98-18 ZAC-327</u>

ATA OPER	REG. NO SERIAL NO	ACFT MAKE ACFT MODEL	ENG MAKE ENG MDL	PROP MAKE PROP MDL	COMP MFG COMP MDL	PART NAME PART NUMBER	PART COND PART LOC.	TT TSO	DIFF. DATE OPER CONT NO
3422		BELL				DIRECTIONAL GYRO	BURNT		5/24/97
		206B				200DC	COCKPIT		CA970618013
	(CAN) SMOKE FILI TO TRIP.	LED COCKPIT WHILE A	AIRCRAFT WAS ON G	ROUND. DIRECTION	IAL GYRO WAS BUF	RNED INTERNALLY. GYRO	REPLACED ALONG WITH C	CIRCUIT BE	REAKER THAT FAILED
6113		CESSNA		MCAULY		SPINNER	CRACKED	63	6/18/97
		R172K		2A34C203	0550338K200	0550338K200	PROP		CA970702021
	(-)	PINNER WAS CHANGE IND SUGGESTED A MA			Γ 62.5 HOURS, THE N	NEW SPINNER TORE AT THI	E SCREW ATTACH HOLES.	SUBMITTE	ER INSTALLED AN
3460		CESSNA	PWA			DATA BASE	ERROR		6/21/96
		550	JT15D4			13442RE	FLT MANAGMNT SYS		CA960724402
	AIRCRAFT PERFO		NORMAL APPROAC	H (ILS). WHILE UND	ER INVESTIGATION	NG COMMANDS WENT OFF N, MANUFACTURER CONTA SE.			
3418		PIPER				LIFT DETECTOR	CONTAMINATED		5/24/97
		PA23250				450742	STALL SYS		CA970603025
	(-)					STALL COMPLETED. AFTE DIRTY, PAINT AND WATER.			
3424		PIPER	PWA			EJECTOR	ICED		2/27/97
		PA31T	PT6A28		548092	4644600	TURN/BANK		CA970306004
	(-)	URN AND BANK INDIC TO EJECTOR SO THAT				TING OUTSIDE AT BELOW I.	ZERO DEGREES. FOUND E	JECTOR TI	P PLUGGED WITH ICE.
2562		PIPER			ARTEX	BATTERY PACK	SPLIT	540	8/13/97
		PA44180			1104	4520130	ELT CASE		CA970815011
		OVAL FOR TRANSFER ' N WAS DEC/97, WELL V		AFT, THE SPLIT IN TI	HE CASE AND THE I	LEAKING ELECRTOLYTE W	AS FOUND. THE EXPIRATI	ON WAS FI	EB/98 AND THE
(End of INT	ERNATIONAL SER	RVICE DIFFICULTY I	REPORT SUMMAR	Y - COMPONENTS)					

INTERNATIONAL SERVICE DIFFICULTY REPORT SUMMARY - PROPELLERS

4/26/98 - 5/2/98 ISSUE: 98-18 ZAC-327

ATA REG. NO OPER SERIAL NO

ACFT MAKE ACFT MODEL ENG MAKE ENG MDL

PROP MAKE PROP MDL COMP MFG COMP MDL PART NAME PART NUMBER PART COND PART LOC. TT DIFF. DATE
TSO OPER CONT NO

(There was no data for this report.)

(End of INTERNATIONAL SERVICE DIFFICULTY REPORT SUMMARY - PROPELLERS)



SERVICE DIFFICULTY REPORT SUMMARY GENERAL AVIATION - INDEX



The following information provides a tally of the Service Difficulty Reports (SDR's) contained in this weeks issue of the General Aviation SDR Summary. The totals represent only a summation of the SDR's that were submitted to the FAA, Aviation Data Systems Branch, AFS-620, and processed in time for inclusion in the Summary. The first table is a tally of the number of SDR's submitted through the indicated Flight Standards District Office (FSDO). The second table sorts the SDR's by the aircraft or equipment make and model. The heading at the top of each table provides a two digit Joint Aircraft System/Component (JASC) code grouping (e.g., JASC codes 1100 thru 1800 are represented by the heading labeled 11-18) which categorizes in general, the problem areas for each reported discrepancy.

The Flight Standards Service Difficulty Program objective is to achieve prompt and appropriate correction of conditions adversely affecting continued airworthiness of aeronautical products. This is accomplished by the collection of Service Difficulty and Malfunction or Defect Reports. SDR's are consolidation and collation into common data base where they are analyzed for trends, problems, and alert information. This information is then disseminated to the appropriate segments of the aviation community and to other FAA offices.

The number of SDR's submitted is not an indicator of the mechanical reliability or fitness of an air carrier's aircraft fleet and should not be used as such. The air carriers certificate holding office has the primary responsibility for planning, programming evaluations, and assessing the performance of operators. Questions regarding an air carrier's fleet performance should be directed to the appropriate Flight Standards District Office, Certificate Management Office, or Certificate Management Unit.

GENERAL AVIATION SUMMARY INDEX BY DISTRICT OFFICE

DISTRICT OFFICE	11-18	21-29	SDR TOTA 30-38	LS BY FAA A 45-49	TA SYSTEM (CHAPTER 61-67	71-79	80-85	TOTAL
AL 03	0	0	1	0	1	0	0	0	2
AU S	0	1	1	0	0	1	2	0	5
CA	0	47	47	0	42	34	45	18	233
CE 01	0	0	0	0	1	0	0	0	1
CE 05	0	0	0	0	1	0	1	0	2
EA 07	0	1	0	0	0	0	0	0	1
EA 09	0	0	0	0	0	0	1	0	1
EA 13	0	0	0	0	0	0	4	0	4
GL 03	0	0	0	0	0	258	0	0	258
GL 05	0	0	0	0	0	0	2	0	2
GL 11	0	2	0	0	0	0	0	0	2
GL 17	0	0	1	0	0	0	1	0	2
GL 21	0	0	2	0	1	0	0	0	3
GL 23	0	0	0	0	1	0	0	0	1
NE 01	0	0	0	0	1	0	0	4	5
NE 03	0	0	0	0	0	0	1	4	5
NE 05	0	2	0	0	0	0	0	1	3
NM 01	0	0	0	0	2	0	0	0	2
NM 05	0	0	1	0	1	0	0	0	2
NM 09	0	1	0	0	2	5	0	0	8
SO 01	0	0	0	0	0	0	1	0	1
SO 05	0	0	3	0	0	0	0	0	3
SO 13	0	0	1	0	0	0	0	0	1
SO 15	0	1	1	0	0	0	0	0	2
SO 16	0	0	0	0	2	0	0	0	2
SO 33	0	0	0	0	0	0	1	0	1

GENERAL.	AVIATION	SUMMARY IN	VDEX by	DISTRICT	OFFICE (cont'd)

4/26/98	To 5/2/98	ISSUE: 98-18	ZAC-327

DISTRICT											
OFFICE	11-18	21-29	30-38	45-49	51-57	61-67	71-79	80-85	TOTAL		
SW 03	0	35	46	0	2	49	24	0	156		
SW 05	0	1	0	0	0	0	0	0	1		
SW 15	0	0	1	0	2	0	0	0	3		
SW 99	0	1	0	0	0	0	0	0	1		
WP 07	0	0	0	0	0	0	0	1	1		
WP 09	0	0	1	0	0	0	0	0	1		
WP 19	0	1	0	0	1	0	0	0	2		
WP 23	0	0	0	0	1	0	0	1	2		
TOTALS	0	93	106	0	61	347	83	29	719		
(End of GENERAL AVI	ATION SUMMA	RY INDEX by D	ISTRICT OFFICE	E Report)							

GENERAL AVIATION SUMMARY INDEX by MANUFACTURER MAKE and MODEL

AIRCRAFT MAKE	AIRCRAFT MODEL	11-18	21-29	SDR TOTA 30-38	LS BY FAA A 45-49	TA SYSTEM (51-57	CHAPTER 61-67	71-79	80-85	TOTAL
AEROSP	AS355F2	0	0	0	0	0	0	1	0	1
AIRTRC	AT301	0	0	0	0	0	0	2	0	2
AIRTRC	AT400	0	0	0	0	0	1	0	0	1
AMTRJG	QUESTAIR20	0	0	1	0	0	0	0	0	1
AYRES	S2RNORMAL	0	0	0	0	0	0	0	1	1
BBAVIA	7AC	0	0	0	0	0	1	0	0	1
BBAVIA	8GCBC	0	2	0	0	0	0	0	1	3
BBAVIA	8KCAB	0	0	1	0	0	0	0	0	1
BEECH	100BEECH	0	1	1	0	1	6	0	0	9
BEECH	200BEECH	0	4	2	0	0	2	1	0	9
BEECH	35B33	0	0	0	0	2	0	0	0	2
BEECH	50	0	0	0	0	0	3	0	0	3
BEECH	58	0	0	1	0	0	5	1	0	7
BEECH	65A80	0	0	0	0	0	1	0	0	1
BEECH	65A90	0	1	0	0	4	0	0	0	5
BEECH	70	0	0	1	0	0	0	0	0	1
BEECH	95A55	0	0	0	0	0	1	0	0	1
BEECH	99	0	0	0	0	2	0	0	0	2
BEECH	99A	0	0	1	0	0	0	0	0	1
ВЕЕСН	A100	0	0	6	0	7	0	1	0	14
ВЕЕСН	A23	0	0	0	0	0	1	0	0	1
BEECH	A36	0	0	1	0	0	3	0	0	4
ВЕЕСН	B100	0	1	0	0	0	0	0	0	1
ВЕЕСН	B200	0	0	0	0	0	0	1	0	1
ВЕЕСН	B200C	0	0	1	0	0	0	0	0	1
ВЕЕСН	B24R	0	0	0	0	0	1	0	0	1
ВЕЕСН	B35	0	0	0	0	0	1	0	0	1

AIRCRAFT	AIRCRAFT				LS BY FAA A					
MAKE	MODEL	11-18	21-29	30-38	45-49	51-57	61-67	71-79	80-85	TOTAL
BEECH	B36TC	0	2	0	0	0	0	0	0	2
BEECH	B90	0	0	0	0	1	1	0	0	2
BEECH	B95	0	0	0	0	0	8	0	0	8
BEECH	B99	0	2	0	0	0	0	0	0	2
BEECH	C23	0	0	0	0	1	0	0	0	1
BEECH	C99	0	1	0	0	0	0	0	0	1
BEECH	E55	0	0	1	0	0	3	0	0	4
BEECH	F33A	0	0	0	0	0	1	0	0	1
BEECH	H35	0	0	0	0	0	0	0	1	1
ВЕЕСН	M35	0	0	0	0	0	0	1	0	1
ВЕЕСН	V35B	0	0	0	0	0	3	0	0	3
BELL	204B	0	0	0	0	1	0	0	0	1
BELL	205A1	0	1	0	0	0	0	0	0	1
BELL	206B	0	4	1	0	2	6	8	0	21
BELL	206B3	0	3	1	0	0	0	1	0	5
BELL	206L	0	0	1	0	0	1	6	0	8
BELL	206L1	0	4	5	0	0	8	6	0	23
BELL	206L3	0	0	0	0	0	0	2	0	2
BELL	212	0	2	0	0	1	1	2	0	6
BELL	214ST	0	4	9	0	0	1	0	0	14
BELL	230	0	0	0	0	0	2	0	0	2
BELL	407	0	0	3	0	0	20	0	0	23
BELL	412	0	8	6	0	0	6	7	0	27
BELL	47G3B	0	0	0	0	0	1	0	0	1
BLANCA	1419	0	0	0	0	0	3	0	0	3
BNORM	BN2	0	0	0	0	0	2	0	0	2
BNORM	BN2A21	0	0	0	0	0	0	0	1	1

AIRCRAFT	AIRCRAFT	TODAY OF THE	of the fertility			TA SYSTEM	CHAPTER	.,, 20, , 0	155 C.	
MAKE	MODEL	11-18	21-29	30-38	45-49	51-57	61-67	71-79	80-85	TOTAL
BNORM	BN2A26	0	0	0	0	0	0	0	1	1
BNORM	BN2B20	0	0	0	0	0	2	1	0	3
BOEING	1072	0	0	0	0	0	4	0	0	4
BOEING	234	0	0	0	0	0	1	0	0	1
BOEING	A75N1	0	0	0	0	0	2	0	0	2
BOLKMS	BK117A3	0	0	2	0	0	0	0	0	2
BOLKMS	BK117A4	0	1	1	0	0	0	0	0	2
BOLKMS	BK117B1	0	1	2	0	0	0	0	0	3
BOLKMS	BK117B2	0	1	1	0	0	0	0	0	2
BOLKMS	BO105C	0	0	0	0	0	1	0	0	1
BOLKMS	BO105S	0	3	2	0	0	5	4	0	14
CARSON	S61LSKRSKY	0	0	0	0	0	1	2	0	3
CESSNA	140	0	0	0	0	0	2	0	0	2
CESSNA	150	0	0	0	0	0	1	0	0	1
CESSNA	150G	0	0	0	0	1	0	0	0	1
CESSNA	150L	0	0	0	0	1	0	0	0	1
CESSNA	152	0	0	0	0	1	0	1	0	2
CESSNA	170B	0	0	0	0	1	0	0	0	1
CESSNA	172	0	0	1	0	0	3	0	0	4
CESSNA	172E	0	1	0	0	0	0	0	0	1
CESSNA	172F	0	1	0	0	0	0	0	1	2
CESSNA	172K	0	0	0	0	0	0	1	0	1
CESSNA	172M	0	2	1	0	0	0	2	0	5
CESSNA	172N	0	0	0	0	0	0	1	0	1
CESSNA	172P	0	1	0	0	0	0	1	0	2
CESSNA	172R	0	0	0	0	2	0	0	0	2
CESSNA	172RG	0	0	0	0	0	1	0	0	1

AIRCRAFT MAKE	AIRCRAFT MODEL	11-18	21-29	SDR TOTA 30-38	LS BY FAA A 45-49	TA SYSTEM 51-57	CHAPTER 61-67	71-79	80-85	TOTAL
CESSNA	177B	0	0	0	0	0	1	0	0	1
CESSNA	180C	0	0	1	0	0	0	0	0	1
CESSNA	180G	0	0	0	0	0	1	0	0	1
CESSNA	180H	0	0	0	0	0	1	0	0	1
CESSNA	180J	0	0	0	0	0	0	2	0	2
CESSNA	180K	0	1	0	0	0	1	0	0	2
CESSNA	182	0	0	0	0	0	6	0	0	6
CESSNA	182F	0	0	0	0	0	1	0	0	1
CESSNA	182P	0	0	1	0	0	1	0	0	2
CESSNA	182Q	0	0	0	0	1	0	0	0	1
CESSNA	182R	0	0	0	0	0	3	0	0	3
CESSNA	185E	0	0	0	0	0	3	0	0	3
CESSNA	188CESSNA	0	0	0	0	0	3	0	0	3
CESSNA	206CESSNA	0	0	0	0	0	1	0	0	1
CESSNA	207A	0	1	0	0	0	0	0	0	1
CESSNA	208	0	0	0	0	0	9	0	0	9
CESSNA	208B	0	0	0	0	1	0	0	0	1
CESSNA	210	0	0	0	0	0	4	0	0	4
CESSNA	210D	0	0	0	0	1	0	0	0	1
CESSNA	210F	0	0	0	0	1	0	0	0	1
CESSNA	310	0	0	0	0	0	3	0	0	3
CESSNA	310J	0	0	1	0	0	0	0	0	1
CESSNA	310K	0	0	0	0	0	4	0	0	4
CESSNA	310P	0	0	0	0	0	8	0	0	8
CESSNA	310Q	0	0	0	0	0	9	0	0	9
CESSNA	310R	0	0	2	0	0	7	0	0	9
CESSNA	335	0	0	0	0	0	3	0	0	3

CESSNA 337 0 0 0 0 0 2 0 0 2 CESSNA 337A 0 0 0 0 0 4 0 0 4 CESSNA 337B 0 0 1 0 0 0 0 0 1 CESSNA 340A 0 0 0 0 0 0 0 0 2 21 0 0 23 CESSNA 340CESSNA 0 1 0 0 0 0 0 0 0 1 CESSNA 401 0	AIRCRAFT	AIRCRAFT						YSTEM CHAPTER					
CESSNA 337A 0 0 0 0 4 0 0 4 CESSNA 337B 0 0 1 0 0 0 0 1 CESSNA 340A 0 0 0 0 2 21 0 0 23 CESSNA 340CESSNA 0 1 0 0 0 0 0 0 0 0 1 CESSNA 401 0 0 0 0 0 0 0 0 3 0 0 3 CESSNA 401 0 0 0 0 0 0 0 3 0 0 3 CESSNA 401 0 0 0 0 0 0 5 0 2 7 CESSNA 402CESSNA 0 0 0 0 0 0 0 0 5 0 0	MAKE	MODEL	11-18	21-29	30-38	45-49	51-57	61-67	71-79	80-85	TOTAL		
CESSNA 337B 0 0 1 0 0 0 0 1 CESSNA 340A 0 0 0 0 2 21 0 0 23 CESSNA 340CESSNA 0 1 0 0 0 0 0 0 0 1 CESSNA 401 0 0 0 0 0 0 0 0 3 0 0 3 CESSNA 401 0 0 0 0 0 0 0 0 3 0 0 3 CESSNA 402B 0 0 0 0 0 0 5 0 2 7 CESSNA 402CESSNA 0 0 0 0 0 0 5 0 0 5 CESSNA 404CESSNA 0 0 0 0 0 0 0 0 5	CESSNA	337	0	0	0	0	0	2	0	0	2		
CESSNA 340A 0 0 0 0 2 21 0 0 23 CESSNA 340CESSNA 0 1 0 0 0 0 0 0 1 CESSNA 401 0 0 0 0 0 0 0 0 3 0 0 3 CESSNA 402B 0 0 0 0 0 0 2 0 1 3 CESSNA 402C 0 0 0 0 0 5 0 2 7 CESSNA 402CESSNA 0 0 0 0 0 0 5 0 0 5 CESSNA 402CESSNA 0 0 0 0 0 0 0 5 0 0 5 CESSNA 402CESSNA 0 0 0 0 0 0 0 0 0	CESSNA	337A	0	0	0	0	0	4	0	0	4		
CESSNA 340CESSNA 0 1 0 0 0 0 0 0 1 CESSNA 401 0 0 0 0 0 0 3 0 0 3 CESSNA 402B 0 0 0 0 0 2 0 1 3 CESSNA 402C 0 0 0 0 0 5 0 2 7 CESSNA 402CESSNA 0 0 0 0 0 5 0 2 7 CESSNA 402CESSNA 0 0 0 0 0 0 0 0 5 0 0 5 CESSNA 414 0 0 0 0 0 0 0 5 0 0 5 CESSNA 421A 0 1 0 0 0 0 0 0 0 1 0	CESSNA	337B	0	0	1	0	0	0	0	0	1		
CESSNA 401 0 0 0 0 3 0 0 3 CESSNA 402B 0 0 0 0 0 2 0 1 3 CESSNA 402C 0 0 0 0 0 5 0 2 7 CESSNA 402CESSNA 0 0 0 0 0 5 0 2 7 CESSNA 402CESSNA 0 0 0 0 0 0 0 0 5 0 0 5 CESSNA 404CESSNA 0 0 0 0 0 0 0 0 1 <td>CESSNA</td> <td>340A</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>2</td> <td>21</td> <td>0</td> <td>0</td> <td>23</td>	CESSNA	340A	0	0	0	0	2	21	0	0	23		
CESSNA 402B 0 0 0 0 2 0 1 3 CESSNA 402C 0 0 0 0 5 0 2 7 CESSNA 402CESSNA 0 0 0 0 0 5 0 0 5 CESSNA 404CESSNA 0 0 0 0 0 0 0 0 1 1 CESSNA 404CESSNA 0 0 0 0 0 0 0 0 0 0 1 1 CESSNA 414 0 0 0 0 0 0 5 0 0 5 CESSNA 421 0 0 0 0 0 0 0 0 1 1 0 0 1 2 10 0 0 1 0 0 1 0 0 1 1 0	CESSNA	340CESSNA	0	1	0	0	0	0	0	0	1		
CESSNA 402C 0 0 0 0 5 0 2 7 CESSNA 402CESSNA 0 0 0 0 0 5 0 0 5 CESSNA 404CESSNA 0 0 0 0 0 0 0 1 1 CESSNA 414 0 0 0 0 0 0 5 0 0 5 CESSNA 421 0 0 0 0 0 6 0 0 6 CESSNA 421A 0 1 0 0 0 0 0 0 0 0 1 CESSNA 421B 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 0 1 0 0 0<	CESSNA	401	0	0	0	0	0	3	0	0	3		
CESSNA 402CESSNA 0 0 0 0 0 5 0 0 5 CESSNA 404CESSNA 0 0 0 0 0 0 0 1 1 CESSNA 414 0 0 0 0 0 5 0 0 5 CESSNA 421 0 0 0 0 0 6 0 0 6 CESSNA 421A 0 1 0 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 <th< td=""><td>CESSNA</td><td>402B</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>2</td><td>0</td><td>1</td><td>3</td></th<>	CESSNA	402B	0	0	0	0	0	2	0	1	3		
CESSNA 404CESSNA 0 0 0 0 0 0 1 1 CESSNA 414 0 0 0 0 0 5 0 0 5 CESSNA 421 0 0 0 0 0 6 0 0 6 CESSNA 421A 0 1 0 0 0 0 0 0 0 0 0 1 CESSNA 421B 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td>CESSNA</td> <td>402C</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>5</td> <td>0</td> <td>2</td> <td>7</td>	CESSNA	402C	0	0	0	0	0	5	0	2	7		
CESSNA 414 0 0 0 0 5 0 0 5 CESSNA 421 0 0 0 0 0 6 0 0 6 CESSNA 421A 0 1 0 0 0 0 0 0 0 0 0 0 1 CESSNA 421B 0 0 0 0 0 0 0 0 0 0 1 CESSNA 421C 0 0 0 0 0 1 7 0 2 10 CESSNA 501 0 1 0 0 0 0 0 0 1 CESSNA 550 0 4 2 0 3 0 0 0 9 CESSNA A185E 0 2 1 0 0 0 0 0 0 0 CESS	CESSNA	402CESSNA	0	0	0	0	0	5	0	0	5		
CESSNA 421 0 0 0 0 6 0 0 6 CESSNA 421A 0 1 0 0 0 0 0 0 1 CESSNA 421B 0 0 0 0 0 1 0 0 1 CESSNA 421C 0 0 0 0 1 7 0 2 10 CESSNA 501 0 1 0 0 0 0 0 0 0 0 0 0 1 0	CESSNA	404CESSNA	0	0	0	0	0	0	0	1	1		
CESSNA 421A 0 1 0 0 0 0 0 0 1 CESSNA 421B 0 0 0 0 1 0 0 1 CESSNA 421C 0 0 0 0 1 7 0 2 10 CESSNA 501 0 1 0 0 0 0 0 0 0 0 1 CESSNA 550 0 4 2 0 3 0 0 0 9 CESSNA A185E 0 2 1 0 0 0 0 0 9 CESSNA A185F 0 1 3 0 2 0 0 0 0 6 CESSNA P206C 0 0 0 0 0 0 0 0 0 1 CESSNA R172K 0 0	CESSNA	414	0	0	0	0	0	5	0	0	5		
CESSNA 421B 0 0 0 0 1 0 0 1 CESSNA 421C 0 0 0 0 1 7 0 2 10 CESSNA 501 0 1 0 0 0 0 0 0 0 0 1 CESSNA 550 0 4 2 0 3 0 0 0 9 CESSNA A185E 0 2 1 0 0 0 0 0 0 9 CESSNA A185F 0 1 3 0 2 0 0 0 6 CESSNA P206C 0 0 0 0 0 0 0 0 1 CESSNA P206D 0 1 0 0 0 0 0 0 0 1 CESSNA R172K 0 0	CESSNA	421	0	0	0	0	0	6	0	0	6		
CESSNA 421C 0 0 0 0 1 7 0 2 10 CESSNA 501 0 1 0 0 0 0 0 0 0 1 CESSNA 550 0 4 2 0 3 0 0 0 9 CESSNA A185E 0 2 1 0 0 0 0 0 0 3 CESSNA A185F 0 1 3 0 2 0 0 0 6 CESSNA P206C 0 0 0 0 0 0 0 0 0 1 CESSNA P206D 0 1 0 0 0 0 0 0 0 1 CESSNA R172K 0 0 0 0 0 0 0 0 1 CESSNA T210* 0	CESSNA	421A	0	1	0	0	0	0	0	0	1		
CESSNA 501 0 1 0 0 0 0 0 0 9 CESSNA 550 0 4 2 0 3 0 0 0 9 CESSNA A185E 0 2 1 0 0 0 0 0 0 3 CESSNA A185F 0 1 3 0 2 0 0 0 6 CESSNA P206C 0 0 0 0 0 1 0 0 1 CESSNA P206D 0 1 0 0 0 0 0 0 0 1 CESSNA R172K 0 0 0 0 0 0 0 1 0 0 1 CESSNA R182 0 0 0 0 0 0 0 0 1 CESSNA T210M 0	CESSNA	421B	0	0	0	0	0	1	0	0	1		
CESSNA 550 0 4 2 0 3 0 0 0 9 CESSNA A185E 0 2 1 0 0 0 0 0 0 3 CESSNA A185F 0 1 3 0 2 0 0 0 6 CESSNA P206C 0 0 0 0 0 0 1 0 0 1 CESSNA P206D 0 1 0 0 0 0 0 0 0 1 CESSNA R172K 0 0 0 0 0 0 0 0 1 CESSNA R182 0 0 0 0 0 0 0 1 CESSNA T210* 0 0 0 0 0 0 0 0 0 CESSNA T303 0 0 0	CESSNA	421C	0	0	0	0	1	7	0	2	10		
CESSNA A185E 0 2 1 0 0 0 0 0 3 CESSNA A185F 0 1 3 0 2 0 0 0 6 CESSNA P206C 0 0 0 0 0 1 0 0 1 CESSNA P206D 0 1 0 0 0 0 0 0 0 0 1 CESSNA R172K 0 0 0 0 0 0 1 0 0 1 CESSNA R182 0 0 0 0 0 0 0 1 1 CESSNA T210* 0 0 0 0 0 0 0 0 0 CESSNA T303 0 0 0 0 0 4 0 0 4	CESSNA	501	0	1	0	0	0	0	0	0	1		
CESSNA A185F 0 1 3 0 2 0 0 0 6 CESSNA P206C 0 0 0 0 0 1 0 0 1 CESSNA P206D 0 1 0 0 0 0 0 0 0 0 0 CESSNA R172K 0 0 0 0 0 0 1 0 0 1 CESSNA R182 0 0 0 0 0 0 0 1 1 CESSNA T210* 0 0 0 0 0 0 0 0 0 10 CESSNA T303 0 0 0 0 0 4 0 0 4	CESSNA	550	0	4	2	0	3	0	0	0	9		
CESSNA P206C 0 0 0 0 1 0 0 1 CESSNA P206D 0 1 0 0 0 0 0 0 0 0 1 CESSNA R172K 0 0 0 0 0 1 0 0 1 CESSNA R182 0 0 0 0 0 0 0 1 1 CESSNA T210* 0 0 0 0 0 1 0 0 1 CESSNA T210M 0 0 0 0 0 0 0 0 0 0 CESSNA T303 0 0 0 0 0 4 0 0 4	CESSNA	A185E	0	2	1	0	0	0	0	0	3		
CESSNA P206D 0 1 0 0 0 0 0 0 1 CESSNA R172K 0 0 0 0 0 1 0 0 1 CESSNA R182 0 0 0 0 0 0 0 1 1 CESSNA T210* 0 0 0 0 0 1 0 0 1 CESSNA T210M 0 0 0 0 0 0 0 0 0 CESSNA T303 0 0 0 0 4 0 0 4	CESSNA	A185F	0	1	3	0	2	0	0	0	6		
CESSNA R172K 0 0 0 0 1 0 0 1 CESSNA R182 0 0 0 0 0 0 0 1 1 CESSNA T210* 0 0 0 0 0 1 0 0 1 CESSNA T210M 0 0 0 0 0 10 0 0 10 CESSNA T303 0 0 0 0 0 4 0 0 4	CESSNA	P206C	0	0	0	0	0	1	0	0	1		
CESSNA R182 0 0 0 0 0 0 0 1 1 CESSNA T210* 0 0 0 0 0 1 0 0 1 CESSNA T210M 0 0 0 0 0 10 0 0 10 CESSNA T303 0 0 0 0 4 0 0 4	CESSNA	P206D	0	1	0	0	0	0	0	0	1		
CESSNA T210* 0 0 0 0 1 0 0 1 CESSNA T210M 0 0 0 0 0 10 0 0 10 CESSNA T303 0 0 0 0 0 4 0 0 4	CESSNA	R172K	0	0	0	0	0	1	0	0	1		
CESSNA T210M 0 0 0 0 10 0 0 10 CESSNA T303 0 0 0 0 0 4 0 0 4	CESSNA	R182	0	0	0	0	0	0	0	1	1		
CESSNA T303 0 0 0 0 0 4 0 0 4	CESSNA	T210*	0	0	0	0	0	1	0	0	1		
	CESSNA	T210M	0	0	0	0	0	10	0	0	10		
CESSNA U206 0 0 0 0 3 0 0 3	CESSNA	T303	0	0	0	0	0	4	0	0	4		
	CESSNA	U206	0	0	0	0	0	3	0	0	3		

AIRCRAFT MAKE	AIRCRAFT MODEL	11-18	21-29	SDR TOTA 30-38	LS BY FAA A 45-49	TA SYSTEM (51-57	CHAPTER 61-67	71-79	80-85	TOTAL
CESSNA	U206F	0	0	1	0	0	0	0	0	1
CESSNA	U206G	0	1	1	0	0	0	1	4	7
DHAV	DHC2MK1	0	1	0	0	0	0	0	1	2
DHAV	DHC3	0	0	2	0	0	0	1	4	7
DHAV	DHC6100	0	0	0	0	1	0	0	0	1
DHAV	DHC6200	0	0	0	0	1	0	0	0	1
DHAV	DHC6300	0	4	0	0	1	4	0	0	9
DIAMON	DA20A1	0	2	0	0	0	0	0	0	2
DORNER	DO228*	0	0	0	0	0	3	0	0	3
ENSTRM	F28F	0	0	1	0	0	0	0	0	1
GULSTM	560	0	0	0	0	0	0	1	0	1
GULSTM	AA5	0	0	0	0	0	1	0	0	1
HUGHES	269C	0	0	1	0	0	0	0	0	1
HUGHES	369D	0	0	0	0	0	4	5	0	9
ISRAEL	ARAVA101	0	0	0	0	0	1	0	0	1
KAWSKI	KV1072	0	0	0	0	0	1	0	0	1
MOONEY	M20E	0	0	0	0	0	1	0	0	1
MOONEY	M20K	0	0	1	0	0	0	0	0	1
MOONEY	M20R	0	0	0	0	0	0	1	0	1
MTSBSI	MU2B35	0	1	0	0	0	0	0	0	1
PILATS	PC12	0	0	0	0	1	0	0	0	1
PIPER	PA11	0	0	0	0	0	1	0	0	1
PIPER	PA22150	0	0	0	0	1	0	0	0	1
PIPER	PA23	0	0	0	0	0	6	0	0	6
PIPER	PA23160	0	0	0	0	0	2	0	0	2
PIPER	PA23250	0	1	2	0	1	6	2	0	12
PIPER	PA24250	0	0	0	0	0	10	0	1	11

AIRCRAFT	AIRCRAFT					TA SYSTEM				
MAKE	MODEL	11-18	21-29	30-38	45-49	51-57	61-67	71-79	80-85	TOTAL
PIPER	PA28*	0	0	0	0	0	2	0	0	2
PIPER	PA28140	0	0	1	0	2	0	0	0	3
PIPER	PA28160	0	0	0	0	1	0	0	0	1
PIPER	PA28180	0	0	0	0	0	0	0	1	1
PIPER	PA28181	0	0	0	0	0	0	0	1	1
PIPER	PA28R180	0	0	0	0	0	1	0	0	1
PIPER	PA28R200	0	0	3	0	0	0	0	0	3
PIPER	PA28R201	0	0	1	0	0	0	0	0	1
PIPER	PA28R201T	0	0	0	0	0	1	0	0	1
PIPER	PA31	0	1	2	0	1	0	0	0	4
PIPER	PA31310	0	0	0	0	0	0	0	1	1
PIPER	PA31350	0	2	2	0	4	0	0	1	9
PIPER	PA31P350	0	0	0	0	0	1	0	0	1
PIPER	PA31T	0	0	2	0	0	0	1	0	3
PIPER	PA32260	0	1	0	0	0	0	0	0	1
PIPER	PA32300	0	0	0	0	0	2	0	0	2
PIPER	PA32301	0	0	0	0	0	2	0	0	2
PIPER	PA32R300	0	0	0	0	0	0	1	0	1
PIPER	PA32R301	0	0	0	0	1	0	1	0	2
PIPER	PA32RT300	0	0	1	0	0	0	0	0	1
PIPER	PA34*	0	0	0	0	0	2	0	0	2
PIPER	PA34200	0	0	3	0	1	4	0	1	9
PIPER	PA42	0	0	1	0	0	0	0	0	1
PIPER	PA44180	0	2	1	0	0	0	0	0	3
PIPER	PA46310P	0	0	0	0	1	0	0	0	1
PIPER	PA60600	0	0	0	0	0	0	1	0	1
PIPER	PA60601P	0	0	0	0	0	0	0	1	1

GENERAL AV	IATION SUMMARY IN	DEX by MANU	FACTURER M	IAKE and MOD	4/26/98 To 5/2/98 ISSUE: 98-18 ZAC-32					
AIRCRAFT MAKE	AIRCRAFT MODEL	11-18	21-29	SDR TOTA 30-38	LS BY FAA A 45-49	TA SYSTEM (51-57	CHAPTER 61-67	71-79	80-85	TOTAL
-										
RHNFLU	EXTRA300	0	0	0	0	2	0	0	0	2
ROBSIN	R22	0	0	0	0	0	1	0	0	1
ROBSIN	R22BETA	0	0	0	0	1	0	0	0	1
ROBSIN	R44	0	0	0	0	0	1	1	0	2
SKRSKY	S61N	0	1	0	0	0	1	1	0	3
SKRSKY	S76A	0	8	9	0	0	3	3	0	23
SNIAS	AS350B	0	0	0	0	0	5	1	0	6
SNIAS	AS350B2	0	3	6	0	1	11	4	0	25
SNIAS	AS350BA	0	0	0	0	0	3	0	0	3
SNIAS	AS350D	0	0	0	0	0	0	2	0	2
SOCATA	TB20TRINIDAD	0	0	0	0	0	0	1	0	1
STNSON	SM8A	0	0	0	0	0	1	0	0	1
ZLIN	Z242L	0	1	0	0	0	0	0	0	1

TOTALS

(End of AIR CARRIER SUMMARY INDEX by OPERATOR Report)

JOINT AIRCRAFT SYSTEM/COMPONENT CODE TABLE

PREFACE

The Joint Aircraft System/Component (JASC) Code Table is a modified version of the Air Transport Association of America (ATA), Specification 100 code. It was developed by the Federal Aviation Administration's (FAA), Aviation Data Systems Branch (AFS-620). Technical support was provided by the Galaxy Scientific Corporation, and various representatives of the air carrier and general aviation community.

Over the past four years, the JASC format of the ATA Spec 100 code has gained widespread industry acceptance. In a harmonized effort, the FAA's counterparts in Australia and Canada have adopted the JASC code with only a few exceptions. Some Canadian aircraft manufacturers have also recently adopted this new stardard.

This code table is constructed by using the new JASC four (4) digit code, along with an abbreviated code title. The abbreviated titles have been modified in some cases to clarify the intended use of the accompanying code. This table can be used as a quick reference chart, to assist in the coding and review of aircraft structures or systems data (i.e., Service Difficulty Report (SDR), Accident/Incident Report).

The current coding scheme used in the JASC code was introduced in May 1991, for the technical classification of SDR's. Its predecessor, the FAA aircraft system/component code, was a similar but more complex eight-digit code which was developed over 25 years ago. It was constructed around the computer technology of that period. It consisted of a four digit numerical code plus a four alpha character code to make data retrieval possible. Since that time, computer technology has advanced many fold. Reducing the code from eight to four characters simplifies coding, and in some cases, makes JASC coding match the ATA Specification 100 first three digits, which are used to identify aircraft systems. The ATA code does not reference the fourth digit, so it is free to be used for identifying components.

The JASC code aircraft structural section has increased due to problems inherent with aging aircraft. As an example, FAA code 5301 SXBD was expanded to 20 items due to the high rate of reporting in this area (8021 structural reports were received in 1989). In some instances, there was very little reporting and codes were combined into other systems if the safety impact was not significant. The overall reduction in codes has been from 568 FAA codes to 488 JASC codes, with the significant increase being in the structural area as stated earlier.

The JASC code divides the engine section into two major code groups to separate the turbine and reciprocating engines. The codes for the turbine engines are in JASC Chapter 72, Turbine/Turboprop Engine. The codes for the reciprocating engines are now exclusively found in JASC Chapter 85, Reciprocating Engine.

The other major deviation from ATA Spec 100 is in ATA section 2730, specifically involves the stall warning system. Early technology (primarily on smaller aircraft) directly linked the sensing of flight attitude to one of the components which furnished the means of manually controlling the flight attitude characteristics (elevator). Today, most large transport category aircraft utilize electronic units to sense the change in the environmental condition called stall, and use the data to influence navigation. ATA section 3410, Flight Environment Data, includes high speed warning in its code definition. Stall warning (low speed) is the reciprocal term of high speed warning, so its filing under the same code appears more logical. Thus, with the JASC code it was decided to move the stall warning system to Chapter 34 under the separate code JASC code 3418, Stall Warning System.

The FAA is continuing to pursue worldwide involvement from operators and manufacturers in addressing the need for international standardization of aircraft system/component codes. The ultimate goal is to develop a universal aircraft/component numbering standard which can be used in the manufacturer's maintenance manual, wiring diagram manual, system manuals and illustrated parts catalog. This harmonized standard must be a usable standard for the aircraft manufacturers, air carrier operators and the general aviation community.

We welcome comments and feedback regarding the possible forming of working groups to achieve this long range consideration of possibly harmonizing the ATA Specification 100 code and the JASC code. Comments may be directed to the FAA, Aviation Data Sytem Branch, AFS-620, P.O. Box 25082, Oklahoma City, OK 73125.

JOINT AIRCRAFT SYSTEM/COMPONENT CODE TABLE

JASC/ TITLE

2170 HUMIDITY CONTROL SYSTEM

<u>11 PL</u>	ACARDS AND MARKINGS	22 A	UTO FLIGHT	24 E	LECTRICAL POWER CONT'D
1100	PLACARDS AND MARKINGS	2200	AUTO FLIGHT SYSTEM	2424	AC REGULATOR
		2210	AUTOPILOT SYSTEM	2425	AC INDICATING SYSTEM
12 SF	ERVICING	2211	AUTOPILOT COMPUTER	2430	DC GENERATING SYSTEM
	<u> </u>	2212	ALTITUDE CONTROLLER	2431	BATTERY OVERHEAT WARN. SYSTEM
1010	FUEL OFFICIONO	2213	FLIGHT CONTROLLER	2432	BATTERY/CHARGER SYSTEM
1210	FUEL SERVICING	2214	AUTOPILOT TRIM INDICATOR	2433	DC RECTIFIER-CONVERTER
1220	OIL SERVICING	2215	AUTOPILOT MAIN SERVO	2434	DC GENERATOR-ALTERNATOR
1230		2216	AUTOPILOT TRIM SERVO	2435	STARTER-GENERATOR
1240		2220	SPEED-ATTITUDE CORRECT. SYSTEM	2436	DC REGULATOR
40 115	IELICOPTED VIDRATION	2230	AUTO THROTTLE SYSTEM	2437	DC INDICATING SYSTEM
<u> 18 HE</u>	ELICOPTER VIBRATION	2250	AERODYNAMIC LOAD ALLEVIATING	2440	EXTERNAL POWER SYSTEM
1800	HELICOPTER VIB/NOISE ANALYSIS			2450	AC POWER DISTRIBUTION SYSTEM
1810	HELICOPTER VIBRATION ANALYSIS	<u>23 C</u>	<u>OMMUNICATIONS</u>	2460	DC POWER/DISTRIBUTION SYSTEM
1820	HELICOPTER NOISE ANALYSIS				
ALD CONDITIONING		2300	COMMUNICATIONS SYSTEM	<u>25 E</u>	<u> QUIPM ENT/FURNISHINGS</u>
<u>21 All</u>	R CONDITIONING	2310	HF COMMUNICATION SYSTEM	0.500	CARIN FOLURMENT/FURNICUINOS
2100	AIR CONDITIONING SYSTEM	2311	UHF COMMUNICATION SYSTEM	2500	CABIN EQUIPMENT/FURNISHINGS
2110	CABIN COMPRESSOR SYSTEM	2312	VHF COMMUNICATION SYSTEM	2510	FLIGHT COMPARTMENT EQUIPMENT
2120	AIR DISTRIBUTION SYSTEM	2320	DATA TRANSMISSION AUTO CALL	2520	PASSENGER COMPARTMENT EQUIPMENT
2121	AIR DISTRIBUTION FAN	2330	ENTERTAINMENT SYSTEM	2530	BUFFET/GALLEYS
2130	CABIN PRESSURE CONTROL SYSTEM	2340	INTERPHONE & PA SYSTEM	2540	LAVATORIES
2131	CABIN PRESSURE CONTROLLER	2350	AUDIO INTEGRATING SYSTEM	2550	CARGO COMPARTMENTS
2132	CABIN PRESSURE INDICATOR	2360	STATIC DISCHARGE SYSTEM	2551	AGRICULTURAL SPRAY SYSTEM
2133	PRESSURE REGUL/OUTFLOW VALVE	2370	AUDIO/VIDEO MONITORING	2560	EMERGENCY EQUIPMENT
2134	CABIN PRESSURE SENSOR	24 F	ELECTRICAL POWER	2561	LIFE JACKET
2140	HEATING SYSTEM	27 -	ELLOTRICAL TOWER	2562	EMERGENCY LOCATOR BEACON
2150	CABIN COOLING SYSTEM	2400	ELECTRICAL POWER SYSTEM	2563	PARACHUTE
2160	CABIN TEMPERATURE CONTROL SYSTEM	2410	ALTERNATOR-GENERATOR DRIVE	2564	LIFE RAFT
2161	CABIN TEMPERATURE CONTROLLER	2420	AC GENERATION SYSTEM	2565	ESCAPE SLIDE
2162	CABIN TEMPERATURE INDICATOR	2421	AC GENERATOR-ALTERNATOR	2570	ACCESSORY COMPARTMENT
2163	CABIN TEMPERATURE SENSOR	2422	AC INVERTER	2571	BATTERY BOX STRUCTURE
	51.5. T.	0.400	DUAGE ADADTED	2572	ELECTRONIC SHELF SECTION

2423 PHASE ADAPTER

26 FIRE PROTECTION	29 I	HYDRAULIC POWER	32 L	ANDING GEAR
2600 FIRE PROTECTION SYSTEM	2900	HYDRAULIC POWER SYSTEM	3200	LANDING GEAR SYSTEM
2610 DETECTION SYSTEM	2910	HYDRAULIC, MAIN SYSTEM	3201	LANDING GEAR/WHEEL FAIRING
2611 SMOKE DETECTION	2911	HYDRAULIC POWER-ACCUMULATOR-MAIN	3210	MAIN LANDING GEAR
2612 FIRE DETECTION	2912	HYDRAULIC FILTER-MAIN SYSTEM	3211	MAIN LANDING GEAR ATTACH SECTION
2613 OVERHEAT DETECTION	2913	HYDRAULIC PUMP. ELECT-ENGMAIN	3212	EMERGENCY FLOTATION SECTION
2620 EXTINGUISHING SYSTEM	2914	HYDRAULIC HANDPUMP-MAIN	3213	MAIN LANDING GEAR STRUT/AXLE/TRUCK
2621 FIRE BOTTLE, FIXED	2915	HYDRAULIC PRESSURE RELIEF VLV-MAIN	3220	NOSE/TAIL LANDING GEAR
2622 FIRE BOTTLE, PORTABLE	2916	HYDRAULIC RESERVOIR-MAIN	3221	NOSE/TAIL LANDING GEAR ATTACH SECTION
AZ FILOUT CONTROL C	2917	HYDRAULIC PRESSURE REGULATOR-MAIN	3222	NOSE/TAIL LANDING GEAR STRUT/AXLE
27 FLIGHT CONTROLS	2920	HYDRAULIC, AUXILIARY SYSTEM	3230	LANDING GEAR RETRACT/EXT. SYSTEM
2700 FLIGHT CONTROL SYSTEM	2921	HYDRAULIC ACCUMULATOR-AUXILIARY	3231	LANDING GEAR DOOR RETRACT SECTION
2701 CONTROL COLUMN SECTION	2922	HYDRAULIC FILTER-AUXILIARY	3232	LANDING GEAR DOOR ACTUATOR
2710 AILERON CONTROL SYSTEM	2923	HYDRAULIC PUMP-AUXILIARY	3233	LANDING GEAR ACTUATOR
2711 AILERON TAB CONTROL SYSTEM	2925	HYDRAULIC PRESSURE RELIEF-AUXILIARY	3234	LANDING GEAR SELECTOR
2720 RUDDER CONTROL SYSTEM	2926	HYDRAULIC RESERVOIR-AUXILIARY	3240	LANDING GEAR BRAKE SYSTEM
2721 RUDDER TAB CONTROL SYSTEM	2927	HYDRAULIC PRESSURE REGULATOR-AUX.	3241	BRAKE ANTI-SKID SECTION
2722 RUDDER ACTUATOR	2930	HYDRAULIC SYSTEM INDICATING	3242	BRAKE
2730 ELEVATOR CONTROL SYSTEM	2931	HYDRAULIC PRESSURE INDICATOR	3243	MASTER CYL/BRAKE VALVE
2731 ELEVATOR TAB CONTROL SYSTEM	2932	HYDRAULIC PRESSURE SENSOR	3244	TIRE
2740 STABILIZER CONTROL SYSTEM	2933	HYDRAULIC QUANTITY INDICATOR	3245	TIRE TUBE
2741 STABILIZER POSITION INDICATING	2934	HYDRAULIC QUANTITY SENSOR	3246	WHEEL/SKI/FLOAT
2742 STABILIZER ACTUATOR	30	ICE AND RAIN PROTECTION	3250	LANDING GEAR STEERING SYSTEM
2750 TE FLAP CONTROL SYSTEM			3251	STEERING UNIT
2751 TE FLAP POSITION IND. SYSTEM	3000	ICE/RAIN PROTECTION SYSTEM	3252	SHIMMY DAMPER
2752 TE FLAP ACTUATOR	3010	AIRFOIL ANTI/DE-ICE SYSTEM	3260	LANDING GEAR POSITION & WARNING
2760 DRAG CONTROL SYSTEM	3020	AIR INTAKE ANTI/DE-ICE SYSTEM	3270	AUXILIARY GEAR (TAIL SKID)
2761 DRAG CONTROL ACTUATOR	3030	PITOT/STATIC ANTI-ICE SYSTEM	33 I	<u>.IGHTS</u>
2770 GUST LOCK/DAMPER SYSTEM	3040	WINDSHIELD/DOOR RAIN/ICE REMOVAL		
2780 LE FLAP CONTROL SYSTEM	3050	ANTENNA/RADOME ANTI-ICE/DE-ICE SYSTEM	3300	LIGHTING SYSTEM
2781 LE FLAP POSITION IND. SYSTEM	3060	PROP/ROTOR ANTI-ICE/DE-ICE SYSTEM	3310	FLIGHT COMPARTMENT LIGHTING
2782 LE FLAP ACTUATOR	3070	WATER LINE ANTI-ICE SYSTEM	3320	PASSENGER COMPARTMENT LIGHTING
28 FUEL	3080	ICE DETECTION	3330	CARGO COMPARTMENT LIGHTING
2800 AIRCRAFT FUEL SYSTEM	<u>31</u>	<u>INSTRUMENTS</u>	3340 3350	EXTERIOR LIGHTING EMERGENCY LIGHTING
2810 FUEL STORAGE	3100	INDICATING/RECORDING SYSTEM		
2820 ACFT FUEL DISTRIB. SYSTEM	3110	INSTRUMENT PANEL	<u>34 N</u>	<u>IAVIGATION</u>
2821 ACFT FUEL FILTER/STRAINER	3120	INDEPENDENT INSTRUMENTS (CLOCK, ETC.)	3400	NAVIGATION SYSTEM
2822 FUEL BOOST PUMP	3130	DATA RECORDERS (FLT/MAINT)	3410	FLIGHT ENVIRONMENT DATA
2823 FUEL SELECTOR/SHUTOFF VALVE	3140	CENTRAL COMPUTERS (EICAS)	3411	PITOT/STATIC SYSTEM
2824 FUEL TRANSFER VALVE	3150	CENTRAL WARNING	3412	OUTSIDE AIR TEMP. IND./SENSOR
2830 FUEL DUMP SYSTEM	3160	CENTRAL DISPLAY	3413	RATE OF CLIMB INDICATOR
2840 ACFT FUEL INDICATING	3170	AUTOMATIC DATA	3414	AIRSPEED/MACH INDICATING
2841 FUEL QUANTITY INDICATOR			3415	HIGH SPEED WARNING
2842 FUEL QUANTITY SENSOR			3416	ALTIMETER, BAROMETRIC/ENCODER
2843 FUEL TEMPERATURE INDICATING				

2844 FUEL PRESSURE INDICATOR

34 NAVIGATION CONT'D	37 VACUUM	5247 APU DOORS
3417 AIR DATA COMPUTER	3700 VACUUM SYSTEM	5248 TAIL CONE DOORS
3418 STALL WARNING SYSTEM	3710 VACUUM DISTRIBUTION SYSTEM	5250 FIXED INNER DOORS
3420 ATTITUDE AND DIRECTION DATA SYSTEM	3720 VACUUM INDICATING SYSTEM	5260 ENTRANCE STAIRS
3421 ATTITUDE GYRO & IND. SYSTEM		5270 DOOR WARNING SYSTEM
3422 DIRECTIONAL GYRO & IND. SYSTEM	38 WATER/WASTE	5280 LANDING GEAR DOORS
3423 MAGNETIC COMPASS	3800 WATER & WASTE SYSTEM	53 FUSELAGE
3424 TURN & BANK/RATE OF TURN INDICATOR	3810 POTABLE WATER SYSTEM	5300 FUSELAGE STRUCTURE (GENERAL)
3425 INTEGRATED FLT. DIRECTOR SYSTEM	3820 WASH WATER SYSTEM	5301 A ERIAL TOW EQUIPMENT
3430 LANDING & TAXI AIDS	3830 WASTE DISPOSAL SYSTEM	5302 ROTORCRAFT TAIL BOOM
3431 LOCALIZER/VOR SYSTEM	3840 AIR SUPPLY (WATER PRESS. SYSTEM)	5310 FUSELAGE MAIN STRUCTURE
3432 GLIDE SLOPE SYSTEM 3433 MICROWAVE LANDING SYSTEM	45 CENTRAL MAINT. SYSTEM	5311 FUSELAGE MAIN FRAME 5312 FUSELAGE MAIN BULKHEAD
3434 MARKER BEACON SYSTEM	4500 CENTRAL MAINT, COMPUTER	5313 FUSELAGE MAIN LONGERON/STRINGER
3435 HEADS UP DISPLAY SYSTEM	1000 GENTINE IIII III GOIII GTEN	5314 FUSELAGE MAIN KEEL
3436 WIND SHEAR DETECTION SYSTEM	49 AIRBORNE AUXILIARY POWER	5315 FUSELAGE MAIN FLOOR BEAM
3440 INDEPENDENT POS. DETERMINING SYSTEM	4000 AIDDODNE ADU CVCTEM	5320 FUSELAGE MISCELLANEOUS STRUCTURE
3441 INERTIAL GUIDANCE SYSTEM	4900 AIRBORNE APU SYSTEM 4910 APU COWLING/CONTAINMENT	5321 FUSELAGE FLOOR PANEL
3442 WEATHER RADAR SYSTEM	4920 APU CORE ENGINE	5322 FUSELAGE INTERNAL MOUNT STRUCTURE
3443 DOPPLER SYSTEM	4930 APU ENGINE FUEL & CONTROL	5323 FUSELAGE INTERNAL STAIRS
3444 GROUND PROXIMITY SYSTEM	4940 APU START/IGNITION SYSTEM	5324 FUSELAGE FIXED PARTITIONS
3445 AIR COLLISION AVOIDANCE SYSTEM (TCAS)	4950 APU BLEED AIR SYSTEM	5330 FUSELAGE MAIN PLATE/SKIN
3446 NON RADAR WEATHER SYSTEM	4960 APU CONTROLS	5340 FUSELAGE MAIN ATTACH FITTINGS
3450 DEPENDENT POSITION DETERMINING SYSTEM	4970 APU INDICATING SYSTEM	5341 WING ATTACH FITTINGS (ON FUSELAGE)
3451 DME/TACAN SYSTEM	4980 APU EXHAUST SYSTEM	5342 STABILIZER ATTACH FITTINGS
3452 ATC TRANSPONDER SYSTEM	4990 APU OIL SYSTEM	5343 LANDING GEAR ATTACH FITTINGS
3453 LORAN SYSTEM	4990 ALOGIE GIGIEM	5344 FUSELAGE DOOR HINGES
3454 VOR SYSTEM	51 STANDARD PRACTICES/STRUCTURES	5345 FUSELAGE EQUIPMENT ATTACH FITTINGS
3455 ADF SYSTEM	FACO CTANDADD DDACTIOEC/CTDUCTUDEC	5346 POWERPLANT ATTACH FITTINGS
3456 OMEGA NAVIGATION SYSTEM	5100 STANDARD PRACTICES/STRUCTURES 5101 AIRCRAFT STRUCTURES	5347 SEAT/CARGO ATTACH FITTINGS
3457 GLOBAL POSITIONING SYSTEM	5101 AIRCRAFT STRUCTURES 5102 BALLOON REPORTS	5350 FUSELAGE AERODYNAMIC FAIRINGS
3460 FLIGHT MANAGE. COMPUTING SYSTEM	5102 BALLOON REPORTS	54 NACELLES/PYLONS
35 OXYGEN	52 DOORS	5400 NACELLE/PYLON STRUCTURE
	<u>01 </u>	5410 MAIN FRAME (ON NACELLE/PYLON)
3500 OXYGEN SYSTEM	5200 DOORS	5411 FRAME/SPAR/RIB(NACELLE/PYLON)
3510 CREW OXYGEN SYSTEM	5210 PASSENGER/CREW DOORS	5411 FRAME/SPAR/RIB(NACLEEL/PTEON) 5412 BULKHEAD/FIREWALL (NAC/PYLON)
3520 PASSENGER OXYGEN SYSTEM	5220 EMERGENCY EXIT	5413 LONGERON/STRINGER (NAC/PYLON)
3530 PORTABLE OXYGEN SYSTEM	5230 CARGO/BAGGAGE DOORS	5414 PLATE SKIN (NAC/PYLONS)
36 PNEUMATIC	5240 SERVICE DOORS	5415 ATTACH FITTINGS (NAC/PYLON)
	5241 GALLEY DOORS	,
3600 PNEUMATIC SYSTEM 3610 PNEUMATIC DISTRIBUTION SYSTEM	5242 E/E COMPARTMENT DOORS	<u>55 STABILIZERS</u>
3620 PNEUMATIC DISTRIBUTION SYSTEM 3620 PNEUMATIC INDICATING SYSTEM	5243 HYDRAULIC COMPARTMENT DOORS	5500 EMPENNAGE STRUCTURE
3020 THEOMATIC INDICATING STSTEM	5244 ACCESSORY COMPARTMENT DOORS	5510 HORIZONTAL STABILIZER STRUCTURE
	5245 AIR CONDITIONING COMPART. DOORS	5511 HORIZONTAL STABILIZER SPAR/RIB
	5246 FLUID SERVICE DOORS	5512 HORIZONTAL STABILIZER PLATE/SKIN
		5513 HORIZONTAL STABILIZER TAB STRUCTURE
		5520 ELEVATOR STRUCTURE

55 STABILIZERS CONT'D	61 PROPELLERS/PROPULSORS	67 ROTORS FLIGHT CONTROL	
5521 ELEVATOR SPAR/RIB STRUCTURE	6100 PROPELLER SYSTEM	6700 ROTORCRAFT FLIGHT CONTROL	
5522 ELEVATOR PLATES/SKIN STRUCTURE	6110 PROPELLER ASSEMBLY	6710 MAIN ROTOR CONTROL	
5523 ELEVATOR TAB STRUCTURE	6111 PROPELLER BLADE SECTION	6711 TILT ROTOR FLIGHT CONTROL	
5530 VERTICAL STABILIZER STRUCTURE	6112 PROPELLER DE-ICE BOOT SECTION	6720 TAIL ROTOR CONTROL SYSTEM	
5531 VERTICAL STABILIZER SPAR/RIB STRUCTURE	6113 PROPELLER SPINNER SECTION	6730 ROTORCRAFT SERVO SYSTEM	
5532 VERTICAL STABILIZER PLATES/SKIN	6114 PROPELLER HUB SECTION		
5533 VENTRAL STRUCTURE (ON VERT. STAB)	6120 PROPELLER CONTROL SYSTEM	71 POWERPLANT	
5540 RUDDER STRUCTURE	6121 PROPELLER SYNCHRONIZER SECTION	7100 POWERPLANT SYSTEM	
5541 RUDDER SPAR/RIB STRUCTURE	6122 PROPELLER GOVERNOR	7110 ENGINE COWLING SYSTEM	
5542 RUDDER PLATE/SKIN STRUCTURE	6123 PROPELLER FEATHERING/REVERSING	7111 COWL FLAP SYSTEM	
5543 RUDDER TAB STRUCTURE	6130 PROPELLER BRAKING	7112 ENGINE AIR BAFFLE SECTION	
5550 EMPENNAGE FLT. CONT. ATTACH FITTING	6140 PROPELLER INDICATING SYSTEM	7120 ENGINE MOUNT SECTION	
5551 HORIZONTAL STABILIZER ATTACH FITTING		7130 ENGINE FIRESEALS	
5552 ELEVATOR/TAB ATTACH FITTINGS	62 MAIN ROTOR	7160 ENGINE AIR INTAKE SYSTEM	
5553 VERT. STAB. ATTACH FITTINGS	6200 MAIN ROTOR SYSTEM	7170 ENGINE DRAINS	
5554 RUDDER/TAB ATTACH FITTINGS	6210 MAIN ROTOR BLADES		
	6220 MAIN ROTOR HEAD	72 TURBINE/TURBOPROP ENGINE	
56 WINDOWS	6230 MAIN ROTOR MAST/SWASHPLATE	7200 ENGINE (TURBINE/TURBOPROP)	
5600 WINDOW/WINDSHIELD SYSTEM	6240 MAIN ROTOR INDICATING SYSTEM	7210 TURBINE ENGINE REDUCTION GEAR	
5610 FLIGHT COMPARTMENT WINDOWS		7220 TURBINE ENGINE AIR INLET SECTION	
5620 PASSENGER COMPARTMENT WINDOWS	63 MAIN ROTOR DRIVE	7230 TURBINE ENGINE COMPRESSOR SECTION	
5630 DOOR WINDOWS	6300 MAIN ROTOR DRIVE SYSTEM	7240 TURBINE ENGINE COMBUSTION SECTION	
5640 INSPECTION WINDOWS	6310 ENGINE/TRANSMISSION COUPLING	7250 TURBINE SECTION	
3040 INSPECTION WINDOWS	6320 MAIN ROTOR GEARBOX	7260 TURBINE ENGINE ACCESSORY DRIVE	
57 WINGS	6321 MAIN ROTOR BRAKE	7261 TURBINE ENGINE OIL SYSTEM	
	6322 ROTORCRAFT COOLING FAN SYSTEM	7270 TURBINE ENGINE BYPASS SECTION	
5700 WING STRUCTURE	6330 MAIN ROTOR TRANSMISSION MOUNT	7270 TORBINE ENGINE BIT AGG GEOTION	
5710 WING MAIN FRAME STRUCTURE	6340 ROTOR DRIVE INDICATING SYSTEM	73 ENGINE FUEL & CONTROL	
5711 WING SPAR STRUCTURE		7300 ENGINE FUEL & CONTROL	
5712 WING RIB STRUCTURE	<u>64 TAIL ROTOR</u>	7310 ENGINE FUEL DISTRIBUTION	
5713 WING LONGERON/STRINGER	6400 TAIL ROTOR SYSTEM	7310 ENGINE FUEL DISTRIBUTION 7311 ENGINE FUEL-OIL COOLER	
5714 WING CENTER BOX	6410 TAIL ROTOR BLADE		
5720 WING MISCELLANEOUS STRUCTURE	6420 TAIL ROTOR BLADE	7312 FUEL HEATER 7313 FUEL INJECTOR NOZZLE	
5730 WING PLATES/SKINS	6440 TAIL ROTOR INDICATING SYSTEM		
5740 WING ATTACH FITTINGS	0440 TAIL ROTOR INDICATING STSTEM	7314 ENGINE FUEL PUMP	
5741 WING, FUSELAGE ATTACH FITTINGS	65 TAIL ROTOR DRIVE	7320 FUEL CONTROLLING SYSTEM	
5742 WING, NAC/PYLON ATTACH FITTINGS	<u> </u>	7321 FUEL CONTROL/ELECTRONIC	
5743 WING, LANDING GEAR ATTACH FITTINGS	6500 TAIL ROTOR DRIVE SYSTEM	7322 FUEL CONTROL/CARBURETOR	
5744 CONTROL SURFACE ATTACH FITTINGS	6510 TAIL ROTOR DRIVE SHAFT	7323 TURBINE GOVERNOR	
5750 WING CONTROL SURFACE STRUCTURE	6520 TAIL ROTOR GEARBOX	7324 FUEL DIVIDER	
5751 AILERON STRUCTURE	6540 TAIL ROTOR DRIVE INDICATING SYSTEM	7330 ENGINE FUEL INDICATING SYSTEM	
5752 AILERON TAB STRUCTURE		7331 FUEL FLOW INDICATING	
5753 TE FLAP STRUCTURE		7332 FUEL PRESSURE INDICATING	
5754 LEADING EDGE DEVICE STRUCTURE		7333 FUEL FLOW SENSOR	
5755 SPOILER STRUCTURE		7334 FUEL PRESSURE SENSOR	

74	<u>IGNITION</u>	<u>78 E</u>	ENGINE EXHAUST	8530	RECIPROCATING ENGINE CYLINDER SECTION
7400	IGNITION SYSTEM	7800	ENGINE EXHAUST SYSTEM	8540	RECIPROCATING ENGINE REAR SECTION
7410	IGNITION POWER SUPPLY	7810	ENGINE COLLECTOR/TAILPIPE/NOZZLE	8550	RECIPROCATING ENGINE OIL SYSTEM
7411	LOW TENSION COIL	7820	ENGINE NOISE SUPPRESSOR		
7412	EXCITER	7830	THRUST REVERSER		
7413	INDUCTION VIBRATOR				
7414	MAGNETO/DISTRIBUTOR	79 I	ENGINE OIL		
7420	IGNITION HARNESS (DISTRIBUTION)	<u> </u>			
7421	SPARK PLUG/IGNITER	7900	ENGINE OIL SYSTEM (AIRFRAME)		
7430	IGNITION SWITCHING	7910	ENGINE OIL STORAGE (AIRFRAME)		
		7920	ENGINE OIL DISTRIBUTION (AIRFRAME)		
<u>75 / </u>	<u>AIR</u>	7921	ENGINE OIL COOLER		
7500	ENGINE BLEED AIR SYSTEM	7922	ENGINE OIL TEMP. REGULATOR		
7510	ENGINE ANTI-ICING SYSTEM	7923	OIL SHUTOFF VALVE		
7520	ENGINE COOLING SYSTEM	7930	ENGINE OIL INDICATING SYSTEM		
7530	COM PRESSOR BLEED CONTROL	7931	ENGINE OIL PRESSURE		
7531	COMPRESSOR BLEED GOVERNOR	7932	ENGINE OIL QUANTITY		
7532	COMPRESSOR BLEED VALVE	7933	ENGINE OIL TEMPERATURE		
7540	BLEED AIR INDICATING SYSTEM	80 9	<u>STARTING</u>		
<u>76</u>	ENGINE CONTROLS	8000	ENGINE STARTING SYSTEM		
7600	ENGINE CONTROLS	8010	ENGINE CRANKING		
7600	ENGINE CONTROLS ENGINE SYNCHRONIZING	8011	ENGINE STARTER		
7601		8012	ENGINE START VALVES/CONTROLS		
7602	MIXTURE CONTROL	0012	ENGINE OTAKT VALVEO/OONTROLO		
7603	POWER LEVER	81	TURBOCHARGING		
7620	ENGINE EMERGENCY SHUTDOWN SYSTEM		<u> </u>		
77	ENGINE INDICATING	8100	EXHAUST TURBINE SYSTEM (RECIP)		
		8110	POWER RECOVERY TURBINE (RECIP)		
7700	ENGINE INDICATING SYSTEM	8120	EXHAUST TURBOCHARGER		
7710	POWER INDICATING SYSTEM				
7711	ENGINE PRESSURE RATIO (EPR)	82	WATER INJECTION		
7712	ENGINE BM EP/TORQUE INDICATING	8200	WATER INJECTION SYSTEM		
7713	MANIFOLD PRESSURE (MP) INDICATING				
7714	ENGINE RPM INDICATING SYSTEM	83	ACCESSORY GEARBOXES		
7720	ENGINE TEMP. INDICATING SYSTEM	8300	ACCESSORY GEARBOXES		
7721	CYLINDER HEAD TEMP (CHT) INDICATING	0300	ACCESSORT GEARBOXES		
7722	ENG. EGT/TIT INDICATING SYSTEM	8.5	RECIPROCATING ENGINE		
7730	ENGINE IGNITION ANALYZER SYSTEM				
7731	ENGINE IGNITION ANALYZER	8500	ENGINE (RECIPROCATING)		
7732	ENGINE VIBRATION ANALYZER	8510	RECIPROCATING ENGINE FRONT SECTIO	N	
7740	ENGINE INTEGRATED INSTRUMENT SYSTEM	8520	RECIPROCATING ENGINE POWER SECTION	N	

MECHANICS CREED

UPON MY HONOR I swear that I shall hold in sacred trust the rights and privileges conferred upon me as a certified mechanic. Knowing full well that the safety and lives of others are dependent upon my skill and judgment, I shall never knowingly subject others to risks which I would not be willing to assume for myself, or for those dear to me.

IN DISCHARGING this trust, I pledge myself never to undertake work or approve work which I feel to be beyond the limits of my knowledge; nor shall I allow any non-certificated superior to persuade me to approve aircraft or equipment as airworthy against my better judgment; nor shall I permit my judgment to be influenced by money or other personal gain; nor shall I pass as airworthy aircraft or equipment about which I am in doubt, either as a result of direct inspection or uncertainty regarding the ability of others who have worked on it to accomplish their work satisfactorily.

I REALIZE the grave responsibility which is mine as a certified airman, to exercise my judgment on the airworthiness of aircraft and equipment. I, therefore, pledge unyielding adherence to these precepts for the advancement of aviation and for the dignity of my vocation.